



MASCOT



MADE IN TAIWAN

A black and white photograph of a woman singing passionately into a handheld microphone. She is wearing a floral-patterned dress and has her eyes closed. The background is a solid dark grey.

**The Passion of Perfect
Sound Since 1979**

**Win Your Freedom with MASCOT
Wireless Microphones**



MASCOT

STAGE APPLICATION

UM-93/UT-M1	02
UXD-100/UXD-200/UF-61/UT-61	03
UXD-90/UXD-180/UF-9R/UT-61	05

CONFERENCE / SPEECH APPLICATION

UXD-120/UF-62C/UT-61C	09
DR-100/DF-100/DB-100	11
DR-024D/DF-024D/DB-024D	13
DR-024B/DF-024/DB-024	15
RS-61/RS-612/UF-31/UT-51	17
RS-66/RS-614/UF-62B/UT-61	19

AEROBICS APPLICATION

RS-31B/HMT-2	22
RS-31B/RS-33B/UT-16B/HM-15	23

MULTI APPLICATION

URM-03/UTM-03	26
RS-83/UF-18/UT-62	27
RS-80/UF-16/UT-16	29

STREAMING PLATFORM APPLICATION

DG-24R/DG-24T	32
DM-03	33
ECM-5/ECM-5M/AD-01	34
RS-99N/UF-21B/UT-16B	35

INSTRUMENT APPLICATION

DPA-316/SM-11/LAV-6A	40
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PA / LECTURE APPLICATION

UR-01/UF-62B/UT-61	43
UR-01A/UF-21B/UT-16B	45
DR-024/DF-024/DB-024	47

PERSONAL AMPLIFICATION APPLICATION

PSAP-02	49
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OTHERS

Lavalier Microphone	52
Instrument Microphone	53
Headset Microphone	54
Antenna System	57
Accessories	59

PROFESSIONAL WIRELESS MICROPHONE SYSTEM • SPECIALIZED WIRED PRODUCTS

Keep Enhancing!

MASCOT

A woman with blonde hair in a ponytail is seen from the back, holding a black Mascot microphone. She is on a stage, and the background is filled with the silhouettes of an audience with their hands raised, suggesting a live performance. The lighting is soft and focused on the performer.

STAGE APPLICATION

UXD wireless microphone series specially designed for the stages, the true diversity mode is to ensure avoiding interference for reliable, dropout-free audio. It can achieve excellent high fidelity and sound reception for live performances. The reproduction of sound with high-fidelity during the performance.



UM-93

UM-93 Wired Microphone

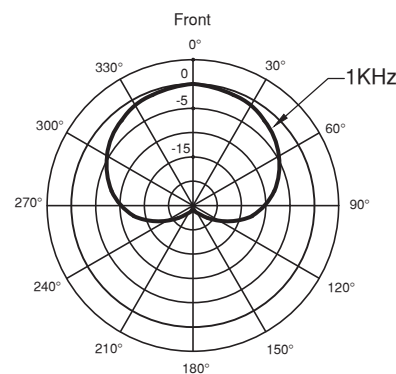
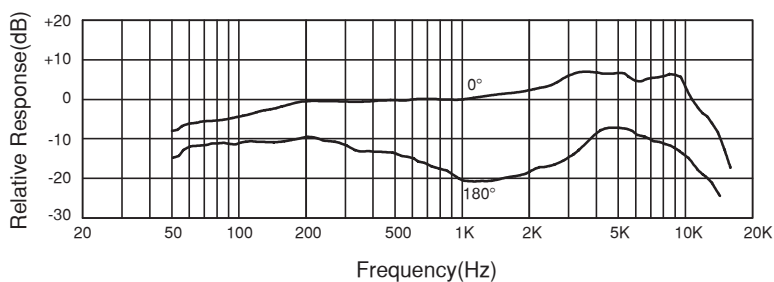
Features : UM-93

- » Plug and use.
- » 3pin XLR with 5M high quality audio cable with 6.3mm plug.
- » Features the MASCOT μ 93A dynamic capsule brings the reproduction of sound with high fidelity and avoiding handling noise.
- » Upper smooth texture metal housing fits well in the hand.

Specifications : UM-93

Sensitivity	-51dB \pm 3dB (0dB=1V/Pa at 1KHz)
Frequency Range	100Hz ~ 10KHz
Directionality	Uni-directional
Impedance	300 ohm \pm 30% (at 1kHz)
Dimension(mm)	172 x 52 \varnothing
Weight	Approx. 250g

Frequency Response



UT-M1

NEW UT-M1 Plug-on Transmitter

Features : UT-M1

- » Preset 8 frequency group containing 12 channel each.
- » Compatible with MASCOT UXD series receiver, or other receivers that contain SYNC function.
- » Clear VA LCD displays frequency, group, channel, RF levels and battery status.
- » User-friendly interface.
- » Up to 100 meters reception.
- » +48V Phantom power.
- » Up to 8 hours of operation time.

Specifications : UT-M1

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with receiver
Display	LCD shows group, channel, frequency, RF levels, gain and battery status
RF Power Output	10mW (max.)
Frequency Stability	\pm 0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	-20dB ~ 20dB, A total of 20 adjustments
Phantom Powering	48V
Battery	DC 3V (1.5V x 2AA)
Dimension(mm)	WxHxD 40 x 111 x 40
Net Weight	Approx. 120g



UXD-100 True Diversity Single Channel Receiver

UXD-200 True Diversity Dual Channel Receiver

Features : UXD-100 / UXD-200

- » True diversity transmission range: up to 100 meters / 300 feet.
- » Clear VA LCD displays frequency, group, channel and AF/RF levels.
- » 700 available UHF frequency channels.
- » Automatically channels scan function.
- » Preset 8 frequency group containing 12 channel each.
- » Up to 8 ~ 12 systems can be used simultaneously.
- » The SQ control dial for adjusting the audio output level.
- » Detachable receiver antennas for using with professional antenna systems.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Easy to be installed into a standard 19" rack by rack ears.
- » Synchronization function allows users to match the frequency between receiver and transmitter.

Specifications : UXD-100 / UXD-200

Receiving Mode	True Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	VA LCD displays frequency, group, channel, RF & AF levels, scan, preset, SYNC
Preset Channel	8 group: 12 compatible channel in each group
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	UXD-100: 260±10mA · UXD-200: 520±10mA
Case	UXD-100: Half 19" EIA Rack Metal Case · UXD-200: 19" EIA Rack Metal Case
Dimension(mm) WxHxD	UXD-100: 200 x 42 x 183 · UXD-200: 400 x 42 x 183
Net Weight	UXD-100: Approx. 975g · UXD-200: Approx. 1740g

UF-61



UT-61



UF-61 Handheld Microphone

UT-61 Bodypack Transmitter

Features : UF-61

- » Features the MASCOT μ 83 dynamic capsule for sweet sound and avoiding handling noise.
- » SYNC function for quickly channel setting.
- » LCD shows group, channel and battery status.
- » Mute off/on switch.

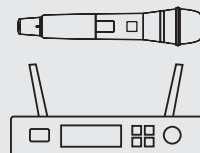
Features : UT-61

- » LCD features group, channel and battery status.
- » Gain settings for different audio input sources.
- » SYNC function for quickly channel setting.
- » Convenient mute switch function.

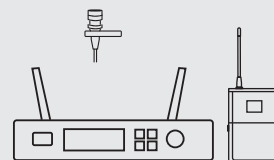
Specifications : UF-61 / UT-61

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with receiver
Display	LCD shows group, channel and battery status
RF Power Output	10mW (max.)
Frequency Stability	$\pm 0.005\%$
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-61: 0dB / -10dB / -20dB
Mic Unit	UF-61: Uni-Direction dynamic unit μ 83 UT-61: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120 \pm 10mA
Dimension(mm) WxHxD	UF-61: 260 x 51 \varnothing UT-61: 65 x 97 x 25
Net Weight	UF-61: Approx. 240g UT-61: Approx. 86g

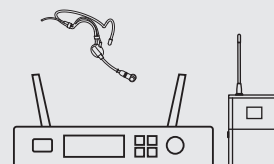
VOCAL



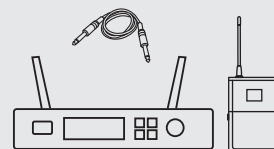
LAVALIER



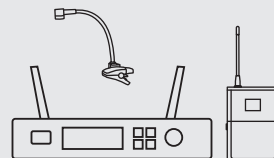
HEADSET



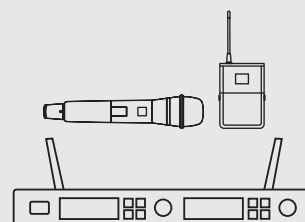
GUITAR



INSTRUMENT



DUAL RECEIVER





UXD-90 True Diversity Single Channel Receiver

UXD-180 True Diversity Dual Channel Receiver

Features : UXD-90 / UXD-180

- » True diversity transmission range: up to 100 meters / 300 feet.
- » Clear VA LCD displays frequency, group, channel and AF/RF levels.
- » 700 available UHF frequency channels.
- » Automatically channels scan function.
- » Preset 8 frequency group containing 12 channel each.
- » Up to 8 ~ 12 systems can be used simultaneously.
- » The SQ control dial for adjusting the audio output level.
- » Detachable receiver antennas for using with professional antenna systems.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Easy to be installed into a standard 19" rack by rack ears.
- » One button synchronization function between receiver and transmitter.

Specifications : UXD-90 / UXD-180

Receiving Mode	True Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	VA LCD displays frequency, group, channel, RF & AF levels, scan, preset, SYNC
Preset Channel	8 group: 12 compatible channel in each group
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	UXD-90: 260±10mA · UXD-180: 520±10mA
Case	UXD-90: Half 19" EIA Rack Metal Case · UXD-180: 19" EIA Rack Metal Case
Dimension(mm) WxHxD	UXD-90: 200 x 42 x 183 · UXD-180: 400 x 42 x 183
Net Weight	UXD-90: Approx. 975g · UXD-180: Approx. 1740g



UF-9R



UT-61

UF-9R Handheld Microphone

UT-61 Bodypack Transmitter

Features : UF-9R

- » Features the MASCOT μ 83 dynamic capsule for sweet sound and avoiding handling noise.
- » SYNC function for quickly channel setting.
- » LCD shows group, channel and battery status.

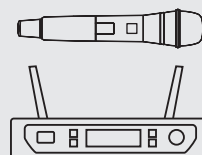
Features : UT-61

- » LCD features group, channel and battery status.
- » Gain settings for different audio input sources.
- » SYNC function for quickly channel setting.
- » Convenient mute switch function.

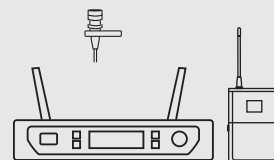
Specifications : UF-9R / UT-61

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with receiver
Display	LCD shows group, channel and battery status
RF Power Output	10mW (max.)
Frequency Stability	$\pm 0.005\%$
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-61: 0dB / -10dB / -20dB
Mic Unit	UF-9R: Uni-Direction dynamic unit μ 83 UT-61: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120 \pm 10mA
Dimension(mm) WxHxD	UF-9R: 260 x 51 \varnothing UT-61: 65 x 97 x 25
Net Weight	UF-9R: Approx. 240g UT-61: Approx. 86g

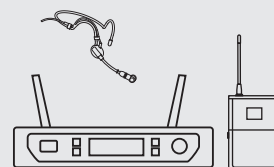
VOCAL



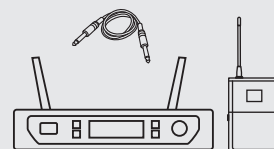
LAVALIER



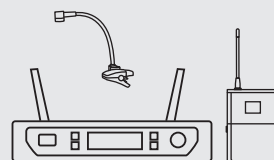
HEADSET



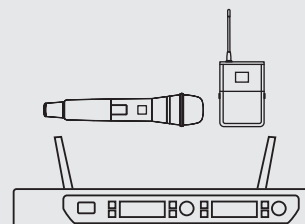
GUITAR



INSTRUMENT



DUAL RECEIVER



STAGE

CONFERENCE/SPEECH

AEROBICS

MULTI

STREAMING PLATFORM

INSTRUMENT

PA/LECTURE

PERSONAL AMPLIFICATION

OTHERS



MASCOT

CONFERENCE / SPEECH APPLICATION

Speech and commercial wireless microphone series:
Various models can be matched according to the use occasion.
Cardioid pickup, pure sound and no other



The models of receiving mode have upgraded to antenna switching diversity which can make the signal more stable and less interference. Features with a good operating range, clean and clear sound.





UXD-120

NEW UXD-120 True Diversity Dual Channel Receiver

Features : UXD-120

- » True diversity transmission range: up to 100 meters / 300 feet.
- » Clear VA LCD displays group, channel and AF/RF levels.
- » Automatically channels scan function.
- » Mixed output function.
- » Preset 8 frequency group containing 12 channel each.
- » Up to 8 ~ 12 systems can be used simultaneously.
- » The SQ control dial for adjusting the audio output level.
- » Detachable receiver antennas for using with professional antenna systems.
- » Balanced XLR and unbalanced 1/4" jack outputs.

Specifications : UXD-120

Receiving Mode	True Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	VA LCD displays group, channel, RF & AF levels
Preset Channel	8 group: 12 compatible channel in each group
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 110dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	630±10mA
Case	Half 19" EIA Rack Metal Case
Dimension(mm) WxHxD	200 x 42 x 183
Net Weight	Approx. 975g

UF-62C



UT-61C



NEW UF-62C Rechargeable Handheld Microphone

NEW UT-61C Rechargeable Bodypack Transmitter

Features : UF-62C

- » Features the MASCOT µ93 dynamic capsule for sweet sound and avoiding handling noise.
- » SYNC function for quickly channel setting.
- » LCD shows group, channel and battery status.
- » Mute off/on switch.
- » Built-in rechargeable lithium battery.

Features : UT-61C

- » LCD features group, channel and battery status.
- » Gain settings for different audio input sources.
- » SYNC function for quickly channel setting.
- » Convenient mute switch function.
- » Built-in rechargeable lithium battery.

Specifications : UF-62C / UT-61C

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with receiver
Display	LCD shows group, channel and battery status
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-61C: 10dB / 0dB / -10dB
Mic Unit	UF-62C: Uni-Direction dynamic unit µ93 UT-61C: Headset Mic / Lavalier Mic / Instrument Mic
Battery	850mAh lithium battery
Current Consumption	115±10mA at 3.7V
Dimension(mm) WxHxD	UF-62C: 258.5 x 51Ø · UT-61C: 65 x 97 x 25
Net Weight	UF-62C: Approx. 274.5g · UT-61C: Approx. 107g

Optional

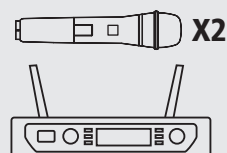


NEW CHR-01 Charging Pod

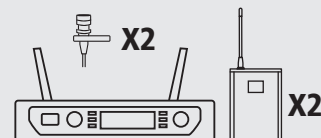
Specifications : Input DC 5.0V --- 3A 15W

Note : Charging time depends on USB AC adaptor type and the USB Type-C cable.
The output power supply of 5.0V (3A/15W) or above for the USB AC/Type-C AC adaptor is suggested to use.

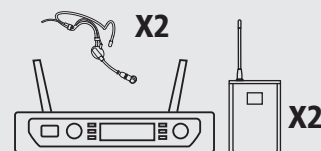
VOCAL



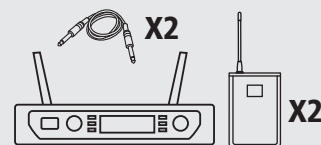
LAVALIER



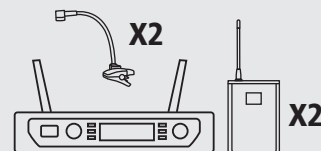
HEADSET



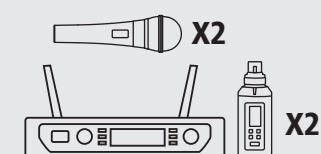
GUITAR



INSTRUMENT



INTERVIEW



STAGE

CONFERENCE/SPEECH

AEROBICS

MULTI

STREAMING PLATFORM

INSTRUMENT

PA/LECTURE

PERSONAL AMPLIFICATION

OTHERS



DR-100

NEW DR-100 UHF Digital Single Channel Receiver

Features : DR-100

- » An intuitive operation design.
- » 24-bits / 48kHz digital technology for incredibly accurate sound.
- » Extended audio frequency response.
- » Automatically channels scan function.
- » Clear and nature frequency response for perfect sound performance.
- » Up to 8 systems can be used at once.
- » Preset 8 frequency group containing 12 channel each.

Specifications : DR-100

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally selected)
Display	VA LCD displays frequency, group, channel, RF & AF levels, scan, SYNC, mute
Preset Channel	8 group 12 compatible channel in each group
Modulation	4-FSK digital modulation
Audio Sampling	24 bits / 48 kHz
S/N Ratio	> 100dB (A)
Audio Codec	APT [®] X LIVE
Audio Frequency Response	50 Hz ~ 20 kHz
T.H.D.	< 0.1% (at 1kHz)
Dynamic Range	> 100 dB
Latency	< 4.5ms
Antenna	BNC Antenna
Audio Output	Balanced & Unbalanced
Power Supply	DC 12V
Current Consumption	370±10mA
Case	Half 19" EIA Rack Metal Case
Dimension(mm) WxHxD	200 x 42 x 183
Net Weight	Approx. 970g



NEW DF-100 Handheld Microphone

NEW DB-100 Bodypack Transmitter

Features : DF-100

- » Features with MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » SYNC function for quickly channel setting.
- » LCD shows group, channel and battery status.
- » Talk switch for easy operation.

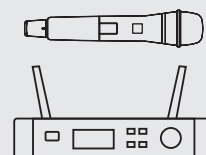
Features : DB-100

- » LCD features group, channel and battery status.
- » SYNC function for quickly channel setting.
- » Gain settings for different audio input sources.
- » Convenient mute switch function.

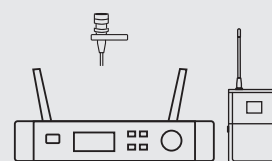
Specifications : DF-100 / DB-100

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with Receiver
Display	LCD shows group, channel, battery status
RF Power Output	10mW (max.)
Gain Setting	DB-100: 0dB / -10dB / -20dB
Current Consumption	190±10mA
Mic Unit	DF-100: Uni-Direction dynamic unit Uni-Direction electret condenser unit
Battery	DB-100: Headset Mic / Lavalier Mic / Instrument Mic DC 3V (1.5V x 2AA)
Dimension(mm) WxHxD	DF-100: 260 x 51Ø DB-100: 65 x 97 x 25
Weight	DF-100: Approx. 240g DB-100: Approx. 86g

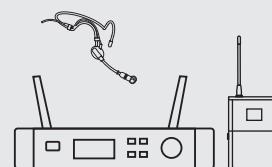
VOCAL



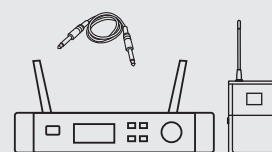
LAVALIER



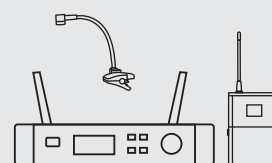
HEADSET



GUITAR



INSTRUMENT





DR-024D

DR-024D Digital Dual Channel Receiver

Features : DR-024D

- » Transmission range up to 60 meters / 190 feet.
- » 2.4GHz operation free from TV interference.
- » Easy-to-use intuitive interface with preset 8 channel offers to setup quickly.
- » Clear VA LCD displays channel, AF/RF/Battery levels.
- » One button SYNC function to synchronize the receiver and the transmitter quickly.
- » MIC/LINE function for adjusting the audio output level.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Easy to be installed into a standard 19" rack by rack ears.

Specifications : DR-024D

Receiving Mode	True Diversity
Frequency Range	ISM 2,400 ~ 2,483 MHz
Display	VA LCD displays channel, gain, RF & AF levels, battery, SYNC
Preset Channel	8 channel
Modulation	FSK digital modulation
Transmission Method	Each channel has 2 preset hopping frequencies
Audio Sampling	24 bits / 48 kHz
S/N Ratio	> 105dB (A)
Audio Codec	APT [®] X LIVE
Audio Frequency Response	50 Hz ~ 20 kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 105dB
Latency	< 5 ms
Antenna	Detachable SMA Antenna
Audio Output	Balanced & Unbalanced
Power Supply	DC 12V
Current Consumption	305±10mA
Case	Half 19" EIA Rack Metal Case
Dimension(mm) WxHxD	200 x 42 x 183
Net Weight	Approx. 890g



DF-024D

DB-024D

DF-024D Handheld Microphone

DB-024D Bodypack Transmitter

Features : DF-024D

- » Features with MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » SYNC function for quickly channel setting.
- » LCD shows channel and battery status.
- » Talk switch for easy operation.

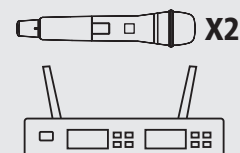
Features : DB-024D

- » LCD features channel and battery status.
- » SYNC function for quickly channel setting.
- » Gain settings for different audio input sources.
- » Convenient mute switch function.

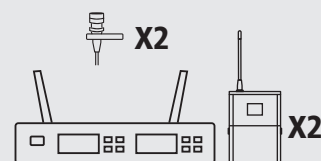
Specifications : DF-024D / DB-024D

Frequency Range	ISM 2,400 ~ 2,483 MHz
Channel Select	SYNC with receiver
Display	LCD shows channel and battery status
RF Power Output	10mW (max.)
Transmitting Mode	Frequency Hopping
Gain Setting	DB-024D: 0dB / -10dB / -20dB
Current Consumption	160±10mA
Mic Unit	DF-024D: Uni-Direction dynamic unit Uni-Direction electret condenser unit DB-024D: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Dimension(mm) WxHxD	DF-024D: 260 x 51Ø DB-024D: 65 x 97 x 25
Net Weight	DF-024D: Approx. 240g DB-024D: Approx. 86g

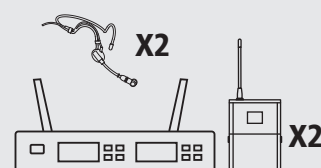
VOCAL



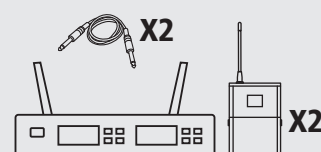
LAVALIER



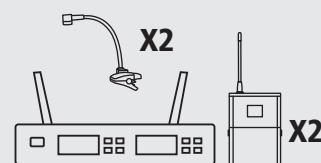
HEADSET



GUITAR



INSTRUMENT





DR-024B

DR-024B Digital Single Channel Receiver

Features : DR-024B

- » Transmission range up to 60 meters / 190 feet.
- » 2.4GHz operation free from TV interference.
- » Easy-to-use intuitive interface with preset 8 channel offers to setup quickly.
- » Clearly channel LED display.
- » One button Pair function to synchronize the receiver and the transmitter quickly.
- » MIC/LINE function for adjusting the audio output level.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Easy to be installed into a standard 19" rack by rack ears.

Specifications : DR-024B

Receiving Mode	True Diversity
Frequency Range	ISM 2,400 ~ 2,483 MHz
Display	7 segment LED Display
Preset Channel	8 channel
Modulation	FSK digital modulation
Audio Sampling	24 bits / 48 kHz
Audio Codec	APT [®] X LIVE
S/N Ratio	> 100dB (A)
Audio Frequency Response	50 Hz ~ 20 kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Latency	< 5 ms
Antenna	Fixed Antenna
Audio Output	Balanced & Unbalanced
Power Supply	DC 12V
Current Consumption	165±10mA
Case	Half 19" EIA Rack Case
Dimension(mm) WxHxD	200 x 42 x 183
Net Weight	Approx. 360g



DF-024

DB-024

DF-024 Handheld Microphone

DB-024 Bodypack Transmitter

Features : DF-024

- » Features with MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » Pair function for quickly channel setting.
- » Talk switch for easy operation.

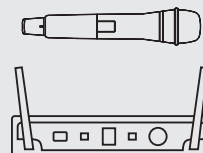
Features : DB-024

- » Pair function for quickly channel setting.
- » Gain settings for different audio input sources.
- » Convenient mute switch function.

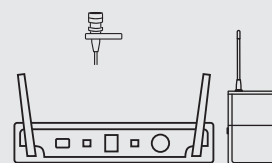
Specifications : DF-024 / DB-024

Frequency Range	ISM 2,400 ~ 2,483 MHz
Channel Select	Pair with receiver
Display	LED shows battery status
RF Power Output	10mW (max.)
Transmitting Mode	Frequency Hopping
Gain Setting	DB-024: 0dB / -10dB / -20dB
Current Consumption	180±10mA
Mic Unit	DF-024: Uni-Direction dynamic unit Uni-Direction electret condenser unit DB-024: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Dimension(mm) WxHxD	DF-024: 264 x 51Ø DB-024: 68 x 85 x 25
Net Weight	DF-024: Approx. 248g DB-024: Approx. 92g

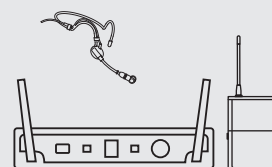
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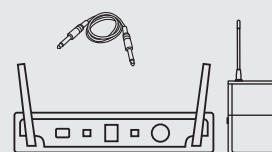
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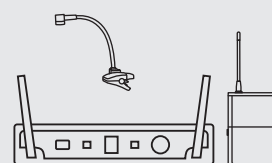
HEADSET



GUITAR



INSTRUMENT





RS-61



RS-612

RS-61 Diversity Single Channel Receiver

RS-612 Diversity Dual Channel Receiver

Features : RS-61 / RS-612

- » Clear VA LCD display panel and user-friendly interface.
- » Auto scan and preset function.
- » Preset 8 frequency group containing 12 channel each.
- » Easy wireless synchronization between transmitter and receiver.
- » Individual output volume control knob.
- » The SQ control dial for adjusting the audio output level.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Detachable receiver antennas can connect with antenna booster for enhance the RF signal transmission.
- » Easy to be installed into a standard 19" rack by rack ears.

Specifications : RS-61 / RS-612

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	VA LCD displays frequency, group, channel, RF & AF levels, scan, preset, SYNC
Preset Channel	8 group: 12 compatible channel in each group
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	RS-61: 185±10mA · RS-612: 360±10mA
Case	Half 19" EIA Rack Metal Case
Dimension(mm) WxHxD	200 x 42 x 183
Net Weight	RS-61: Approx. 639g · RS-612: Approx. 917g



UF-31

UT-51

UF-31 Handheld Microphone

UT-51 Bodypack Transmitter

Features : UF-31

- » Features the MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » Optional condenser capsule unit delivers delicate and clean voice in high frequency, and is suitable for high voice range performance.
- » SYNC function for quickly channel setting.
- » LED shows power status.

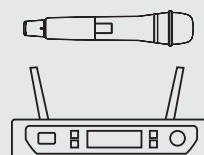
Features : UT-51

- » SYNC function for quickly channel setting.
- » Gain settings for different audio input sources.
- » Convenient mute switch function.

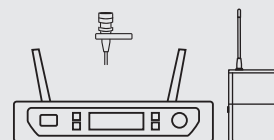
Specifications : UF-31 / UT-51

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with receiver
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-51: 0dB / -10dB / -20dB
Mic Unit	UF-31: Uni-Direction dynamic unit Uni-Direction electret condenser unit UT-51: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120±10mA
Dimension(mm) WxHxD	UF-31: 260 x 51Ø UT-51: 65 x 97 x 25
Net Weight	UF-31: Approx. 240g UT-51: Approx. 86g

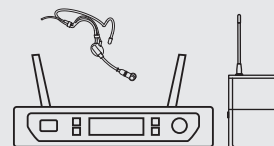
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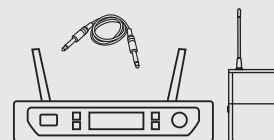
LAVALIER



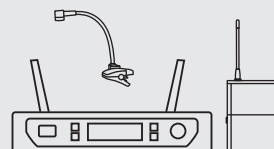
HEADSET



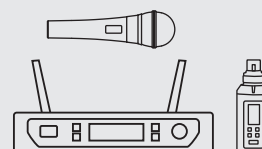
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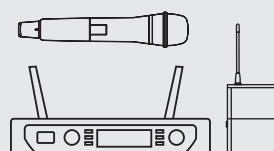
INSTRUMENT



INTERVIEW



DUAL RECEIVER





RS-66



RS-614

RS-66 Diversity Dual Channel Receiver

RS-614 Diversity Quad Channel Receiver

Features : RS-66 / RS-614

- » Diversity transmission range: up to 70 meters / 200 feet.
- » Clear VA LCD displays frequency, group, channel and AF/RF levels.
- » Single button scan functions.
- » Preset 8 frequency group containing 12 channel each.
- » Up to 8 systems can be used simultaneously.
- » The SQ control dial for adjusting the audio output level.
- » Detachable receiver antennas for using with professional antenna systems.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Easy to be installed into a standard 19" rack by rack ears.
- » Fast and easy setup with synchronization matches the operating channel of transmitter to receiver.

Specifications : RS-66 / RS-614

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	VA LCD displays frequency, group, channel, RF & AF levels, scan, preset, SYNC
Preset Channel	8 group: 12 compatible channel in each group
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	RS-66: 370±10mA · RS-614: 720±10mA
Case	19" EIA Rack Metal Case
Dimension(mm) WxHxD	400 x 42 x 183
Net Weight	RS-66: Approx. 1480g · RS-614: Approx. 1780g



UF-62B

UT-61

UF-62B Handheld Microphone

UT-61 Bodypack Transmitter

Features : UF-62B

- » Features the MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » Optional condenser capsule unit delivers delicate and clean voice in high frequency, and is suitable for high voice range performance.
- » SYNC function for quickly channel setting.
- » LCD shows group, channel and battery status.

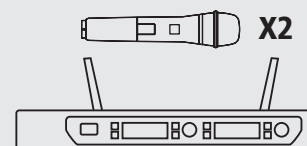
Features : UT-61

- » LCD features group, channel and battery status.
- » Gain settings for different audio input sources.
- » SYNC function for quickly channel setting.
- » Convenient mute switch function.

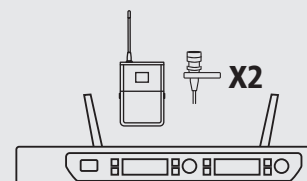
Specifications : UF-62B / UT-61

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with receiver
Display	LCD shows group, channel and battery status
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-61: 0dB / -10dB / -20dB
Mic Unit	UF-62B: Uni-Direction dynamic unit Uni-Direction electret condenser unit
Battery	UT-61: Headset Mic / Lavalier Mic / Instrument Mic
Current Consumption	DC 3V (1.5V x 2AA) 120±10mA
Dimension (mm)WxHxD	UF-62B: 258 x 51Ø UT-61: 65 x 97 x 25
Net Weight	UF-62B: Approx. 263g UT-61: Approx. 86g

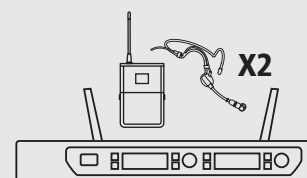
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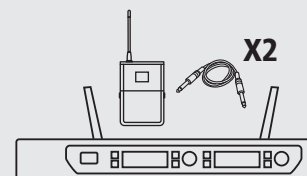
LAVALIER



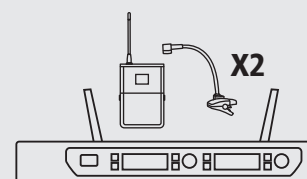
HEADSET



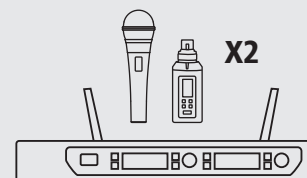
GUITAR



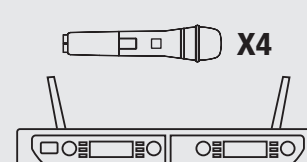
INSTRUMENT



INTERVIEW



QUAD RECEIVER



MASCOT



AEROBICS APPLICATION

Sports-specific wireless microphone series:
IPX4 water resistance construction design in order to bear amount of sweat.
Besides, the model designs in a lightweight and easy to carry around.
The cardioid pickup effect is terrific, making teaching so easy.



RS-31B



HMT-2

RS-31B Diversity Single Channel Receiver

NEW HMT-2 Headset Transmitter

Features : RS-31B

- » Up to 60 meters reception for total wireless freedom.
- » Diversity receiver ensures the reliable transmission quality.
- » Easy to use intuitive interface with preset 8 channel offers quickly setup.
- » AF/RF LED clearly indicated reception status.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Adjustable squelch for eliminating RF interference.
- » Clearly 7-segment LED displays selected channel.

Specifications : RS-31B

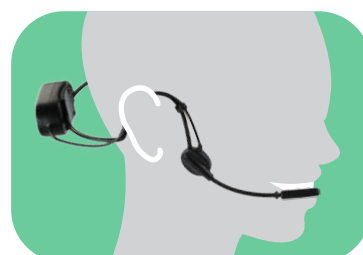
Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	7 Segment LED display shows channel
Preset Channel	8 channel
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	120±10mA
Case	Mini Case
Dimension(mm) WxHxD	170 x 42 x 102
Net Weight	Approx. 260g

Features : HMT-2

- » Clear and nature frequency response for perfect sound performance.
- » 4 hour battery life, USB 2.0 charging.
- » An ergonomic headset design fits securely and comfortably for fitness and aerobics instructors.
- » IPX4 Water resistance construction, the microphone is able to bear the sweat.
- » The detachable microphone allows to be replaced when unfunctional.
- » Compatible with dual channel(16CH) receiver.

Specifications : HMT-2

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Preset Channel	8 channel
Channel Select	Button select
Display	LED shows channel
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Sensitivity	-42±3dB
S/N Ratio	> 58dB(A)
Water Resistance	IPX4
Battery	310mAh lithium battery
Dimension(mm) WxHxD	270 x 140 x 70
Net Weight	Approx. 47.5g





RS-31B Diversity Single Channel Receiver

RS-33B Diversity Dual Channel Receiver

Features : RS-31B / RS-33B

- » Up to 60 meters reception for total wireless freedom.
- » Diversity receiver ensures the reliable transmission quality.
- » Easy to use intuitive interface with preset 8 channel offers quickly setup.
- » AF/RF LED clearly indicated reception status.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Adjustable squelch for eliminating RF interference.
- » Clearly 7-segment LED displays selected channel.

Specifications : RS-31B / RS-33B

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	7 Segment LED display shows channel
Preset Channel	8 channel
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	>100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	<1% (at 1kHz)
Dynamic Range	>100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	RS-31B: 120±10mA RS-33B: 350±10mA
Case	Mini Case
Dimension(mm) WxHxD	RS-31B: 170 x 42 x 102 RS-33B: 262 x 42 x 102
Net Weight	RS-31B: Approx. 260g RS-33B: Approx. 375g



UT-16B



HM-15

UT-16B Bodypack Transmitter

NEW HM-15 Headset Microphone

Features : UT-16B

- » Gain setting for different audio input sources.
- » The 7-segment LED display shows the current operating channel.
- » 2 AA batteries offer a long time operation.
- » Convenient mute switch function.

Features : HM-15

- » Clear and nature frequency response for perfect sound performance.
- » IPX4 Water resistance construction, the microphone is able to bear the sweat.
- » The detachable microphone allows to be replaced when unfunctional.

Specifications : UT-16B

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	Button select
Display	LED shows channel
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	10dB / 0dB / -10dB
Mic Unit	Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120±10mA
Connector	3.5Ø screw plug
Dimension(mm) WxHxD	65 x 97 x 24
Net Weight	Approx. 84g

Specifications : HM-15

Type	Omni-Directional Electret Condenser
Sensitivity	-42±3dB
Frequency Range	100~20,000Hz
Current Consumption	Max. 0.5mA
S/N Ratio	>58dB(A)
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug

MASCOT

A background image showing a group of young people in a casual setting, possibly a rehearsal space or a small stage. In the foreground, a young woman with dark hair is singing into a black microphone. Behind her, a young man with glasses and a denim jacket is also singing into a microphone. To the right, another person is partially visible, also singing. The scene is brightly lit, with a warm, slightly hazy atmosphere. A potted plant is visible in the background.

MULTI APPLICATION

Entry-level wireless microphone series: Stylish appearance, stable reception; those models can perform at multi-occasions.

The vocal penetration significantly in high frequencies and warm yet clear mid-low frequencies make your sound even better.



URM-03

UTM-03

NEW URM-03 Pro-Ultra UHF Rechargeable Receiver

NEW UTM-03 Pro-Ultra UHF Rechargeable Transmitter

Features : URM-03

- » Up to 60 meters reception for total wireless freedom.
- » Preset 8 frequency group containing 12 channel each.
- » Automatically channels scan function.
- » Clear VA LCD displays group, channel, volume, RF levels and battery status.
- » Pocket size and easy to carry.
- » IPX4 water resistance.

Specifications : URM-03

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	LCD shows group, channel, volume, RF levels and battery status
Preset Channel	8 group: 12 compatible channels in each group
S/N Ratio	>90dB(A), at 30kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	<1% (at 1kHz)
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Battery	1000mAh lithium battery

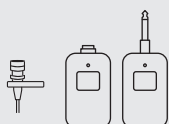
Features : UTM-03

- » One button synchronization function between receiver and transmitter.
- » Clear VA LCD displays group, channel, volume, AF levels and battery status.
- » IPX4 water resistance XLR female socket connector and Type-C charging port.

Specifications : UTM-03

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	Button select
Display	LCD shows group, channel, volume, AF levels and battery status
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Battery	1000mAh lithium battery

LAVALIER



HEADSET



GUITAR



INSTRUMENT



INTERVIEW





RS-83

RS-83 Diversity Single Channel Receiver

Features : RS-83

- » Up to 60 meters reception for total wireless freedom.
- » Stylish design with intuitive operation offers the utmost portable convenience.
- » Diversity receiver ensures the reliable transmission quality.
- » 16 channel preset frequency for quickly setup.
- » AF/RF LED clearly indicate reception status.
- » Balanced XLR and unbalanced 1/4" outputs for using with a wide range of equipment.
- » Adjustable squelch for eliminating RF interference.

Specifications : RS-83

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Preset Channel	16 channel
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	120±10mA
Case	Mini Case
Dimension(mm) WxHxD	170 x 42 x 102
Net Weight	Approx. 375g



UF-18



UT-62

UF-18 Handheld Microphone

UT-62 Bodypack Transmitter

Features : UF-18

- » There are two types of condenser capsule available.
- » Compact and solid housing design.
- » LED shows power status.
- » 2 AA batteries offer a long time operation.

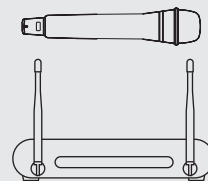
Features : UT-62

- » Gain setting for different audio input sources.
- » 2 AA batteries offer a long time operation.
- » 3pin mini XLR TA3F connector or 4pin mini XLR TA4F connector compatible with a broad range of lavalier, headset or instrument pickup.

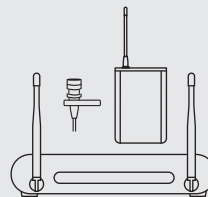
Specifications : UF-18 / UT-62

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	Rotary switch
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Mic Unit	UF-18: Uni-Direction electret condenser unit UT-62: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120±10mA
Connector	UT-62: 3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector
Dimension(mm) WxHxD	UF-18: 260 x 52Ø UT-62: 65 x 100 x 27

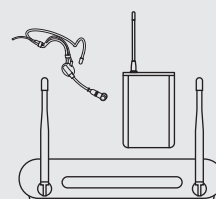
VOCAL



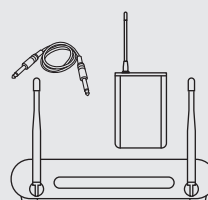
LAVALIER



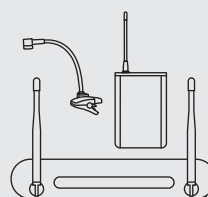
HEADSET



GUITAR



INSTRUMENT





RS-80

RS-80 Diversity Single Channel Receiver

Features : RS-80

- » Up to 60 meters reception for total wireless freedom.
- » Stylish design with intuitive operation offers the utmost portable convenience.
- » Diversity receiver ensures the reliable transmission quality.
- » 16 channel preset frequency for quickly setup.
- » AF/RF LED clearly indicate reception status.
- » Balanced XLR and unbalanced 1/4" outputs for using with a wide range of equipment.
- » Adjustable squelch for eliminating RF interference.

Specifications : RS-80

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Preset Channel	16 channel
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	120±10mA
Case	Mini Case
Dimension(mm) WxHxD	170 x 32 x 106
Net Weight	Approx. 260g

UF-16



UT-16



UF-16 Handheld Microphone

UT-16 Bodypack Transmitter

Features : UF-16

- » With condenser capsule unit delivers delicate and clean voice in high frequency, and is suitable for high voice range performance.
- » Compact and solid housing design.
- » LED shows power status.
- » 2 AA batteries offer a long time operation.
- » The power button is located at the bottom of the body to prevent accidentally activated.

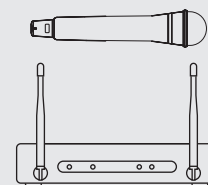
Features : UT-16

- » Gain setting for different audio input sources.
- » 2 AA batteries offer a long time operation.
- » Fitted with 3.5mm Ø jack socket microphone.

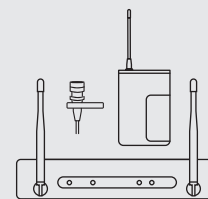
Specifications : UF-16 / UT-16

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	Rotary switch
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Mic Unit	UF-16: Uni-Direction electret condenser unit UT-16: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120±10mA
Connector	UT-16: 3.5Ø screw plug
Dimension(mm) WxHxD	UF-16: 237 x 53Ø UT-16: 65 x 100 x 27

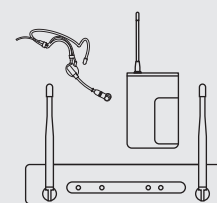
VOCAL



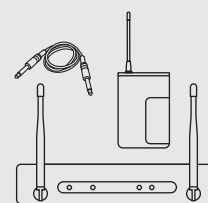
LAVALIER



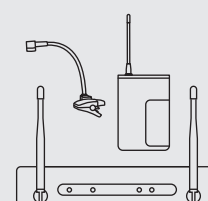
HEADSET



GUITAR




INSTRUMENT



MASCOT



STREAMING PLATFORM APPLICATION



You need professional streaming and recording systems in order to achieve high quality sounds and simultaneous live streams.



DG-24R

NEW DG-24R

Mini Digital Dual Channel Receiver

Features : DG-24R

- » Up to 30 meters reception for total wireless freedom.
- » Pocket size design and easy to carry.
- » 24bits / 48KHz audio quality.

Specifications : DG-24R

Frequency Range	ISM 2,400 ~ 2,483 MHz
Display	TFT LCD
Modulation	FSK digital modulation
Transmission Method	Each channel has 3 preset hopping frequencies
Audio Sampling	24 bits / 48 kHz
Audio Codec	APT [®] X LIVE
Audio Frequency Response	20 Hz ~ 20 kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 90dB
S/N Ratio	> 90dB(A)
Latency	< 7ms
Antenna	Chip Antenna
Gain Setting	20dB, 10dB, 0dB, -10dB, -20dB
Battery	420mAh lithium battery
Battery Life	Minimum 4 hours of operation with fully charged
Dimension(mm) WxHxD	47x47x17mm
Net Weight	34.2g



DG-24T

NEW DG-24T

Mini Digital Transmitter

Features : DG-24T

- » Pocket size design and easy to carry.
- » Synchronize automatically.
- » Built-in omni-directional microphones & external lapel microphones.

Specifications : DG-24T

Frequency Range	ISM 2400 ~ 2483 MHz
Channel Select	SYNC with receiver
RF Power Output	10mW (max.)
Transmitting Mode	Frequency Hopping
Sensitivity	-43dB±3dB
Max. Audio Input	0dBV
Battery	420mAh lithium battery
Battery Life	Minimum 4 hours of operation with fully charged
Dimension(mm) WxHxD	47x47x17mm
Net Weight	32.6g

The features of the DM-03 Podcast Microphone are USB Type-C, plug and play, and its sample rate is 44.1kHz/192kHz which can let users easily experience high-quality audio.



The DM-03 Podcast Microphone is suitable for live interaction, game live broadcast, etc.

DM-03



NEW DM-03 Podcast Microphone

Features : DM-03

- » Pro-grade USB microphone.
- » High definition without delay for clean and natural vocal reproduction.
- » Built-in pop filter, easy to record clean sound.
- » The Built-in headphone output allows synchronous monitoring.
- » MIC APPLICATIONS: Good for podcasting, recording, live streaming, and video game.

Specifications : DM-03

Polar Pattern	Uni-Directional Electret Condenser
Frequency Range	30 ~ 15kHz
Volume Control	Headphone volume controlled by up/down button
Headphone Output Power	10mW at 16Ω
Headphone Jack	3.5 mm TRS (stereo)
Output Connector	USB-Type C
Power Requirements	USB Power (5V DC)
Sampling Rate	44.1kHz / 192 kHz
Bit Depth	24 bits
S/N Ratio	>95dB(A)
T.H.D. + N	<0.03%
Dimension (mm)	108 x Ø51
Weight	Approx. 210g



Below items can be used alone or in combination with others to create an outstanding effect.



ECM-5M

NEW ECM-5M

Mini Uni-Directional Condenser Microphone

Features : ECM-5M

- » A posh look in a lightweight, smart design.
- » Featuring clear and clean sound is good at picking up vocal voice or instrument voice.

Specifications : ECM-5M

Type	Uni-Directional Electret Condenser
Sensitivity	-46 ±3dB
Dimension (mm)	10 Ø x 4.5
Max. SPL	130dB



ECM-5

NEW ECM-5

Mini Omni-Directional Condenser Microphone

Features : ECM-5

- » This mic delivers an ultra-sleek look in a lightweight, smart design.
- » It has very good sensitivity and the reproduction of sound with a high fidelity.

Specifications : ECM-5

Type	Omni-Directional Electret Condenser
Sensitivity	-42 ±3dB
Dimension (mm)	10 Ø x 6.5
Max. SPL	110dB



AD-01

NEW AD-01 Audio Converter

Features : AD-01

- » Sample rate: 192kHz, 16/24 bits.
- » S/N Ratio > 100dB(A).
- » USB Type-C.
- » SCIM Single Chip Integrated Module.
- » High Definition Audio Codecs.
- » Recording friendly.
- » Compatible with MASCOT lavalier and headset microphone.

UF-21B



RS-99N

RS-99N Diversity Single Channel Receiver with Digital Output

Features : RS-99N

- » Up to 60 meters reception for total wireless freedom.
- » Diversity receiver ensures the reliable transmission quality.
- » Easy to use intuitive interface with preset 8 channels offers quickly setup.
- » AF/RF LED clearly indicated reception status.
- » Balanced XLR and unbalanced 1/4" jack outputs.
- » Adjustable squelch for eliminating RF interference.
- » Clearly LED 7-segment displays selected channel.
- » Upgrade your entertainment device; 6.3mm plug for a wired microphone.
- » The receiver comes with Type-C output. It brings convenience while you would like to connect with mobile for recording.

Specifications : RS-99N

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Display	7 Segment LED display shows channel
Preset Channel	8 channel
Oscillator	PLL Synthesized
Modulation	FM
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Image & Spurious Rejection	70dB minimum
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Power Supply	DC 12V
Audio Output	Balanced & Unbalanced
Current Consumption	155±5mA
Case	Half 19" EIA Rack Case
Dimension(mm) WxHxD	200 x 42 x 122
Net Weight	Approx. 350g



UF-21B



UT-16B

UF-21B Handheld Microphone

UT-16B Bodypack Transmitter

Features : UF-21B

- » Features the MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » Optional condenser capsule unit delivers delicate and clean voice in high frequency, and is suitable for high voice range performance.
- » The 7-segment LED display shows the current operating channel.

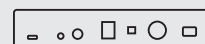
Features : UT-16B

- » Gain setting for different audio input sources.
- » The 7-segment LED display shows the current operating channel.
- » 2 AA batteries offer a long time operation.
- » Convenient mute switch function.

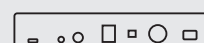
Specifications : UF-21B / UT-16B

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	Button select
Display	LED shows channel
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-16B: 10dB / 0dB / -10dB
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120±10mA
Connector	UT-16B: 3.5Ø screw plug
Dimension(mm)	UF-21B: 260 x 51Ø
WxHxD	UT-16B: 65 x 97 x 24
Net Weight	UF-21B: Approx. 240g
	UT-16B: Approx. 84g

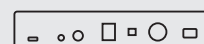
VOCAL



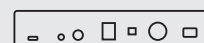
LAVALIER



HEADSET



GUITAR

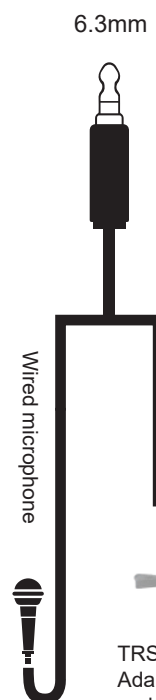
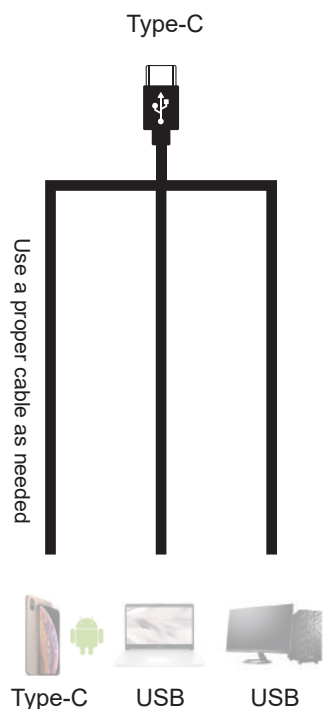


INSTRUMENT

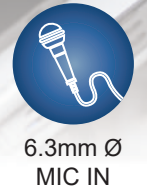
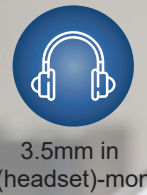


MASCOT

RS-99N Digital Output Function



TRS 6.35mm male to 3.5mm Female Audio Adapter for MASCOT lavalier, headset and instrument microphone use.



【Streamlined Plug & Play Setup】

No additional driver is required, plug and use it.

The USB output port is compatible with a desktop computer/laptop/smart phone.

iPhone Products (LIGHTNING ADAPTER NOT INCLUDED).

【RS-99N Mobile record setting】

1. Android Open the record App, it can record simultaneously while the cord microphone and wireless microphone use at the same time.
2. Apple iOS OTG adaptor (not including) is required, when record is needed.
3. Must remove the USB cable before play the sounds from mobile.
4. Whatever you plug the headphones (3.5mm jack) in the either receiver or mobile, the default output of sound is headphone jack.
5. It is not able to play while recording, it has to be played after the recording done.

Usage scenarios for an interview or live streaming



【RS-99N Single channel receiver】

- Use a wireless handheld microphone or body-pack transmitter set for an interview / live stream.
- Plug the cord microphone into 6.3mm socket and use it directly without any additional driver.
- The Built-in headphone output allows for direct headphone monitoring while recording.
- USB Output Ports (Type-C) allow digital recording.



【DM-03 Podcast Microphone】

- DM-03 can use along with RS-99N simultaneously.
- Connect with laptop or desktop computer to drive the power.



MASCOT

INSTRUMENT APPLICATION

A reliable high-performing choice for the instrument, unidirectional electret condenser microphone features a wide-range frequency response that providing the powerful, smooth and sheer clean sound.



DPA-316 Phantom Power Cable Kit

Features : DPA-316

- » Plug and use.
- » 3.5mm screw socket, compatible with lavalier microphone, headset microphone or instrument microphone.
- » It can be connected with amplifier, mixer, loudspeakers, etc.
- » Using one 1.5V AA battery to supply the power to the connected electret condenser microphone.
- » 5M high quality audio cable with 6.3mm plug.

Specifications : DPA-316

Type	Phantom Power Cable Kit
Power Supply	1 x AA battery, 1.5V
Battery Operation	About 4,000 hours of continuous use
Socket	3.5mm Jack Socket
Cable	5M Cable with 6.3mm Plug
Assortment	Headset Mic / Lavalier Mic / Instrument Mic

SM-11 Instrument Microphone

Features : SM-11

- » Adjustable clip and gooseneck can pick-up sound source in properly position.
- » Wide-range frequency response provides the powerful, smooth and clean sound.
- » Low distortion at high sound pressure occasions.



Specifications : SM-11

Type	Uni-Directional Electret Condenser
Sensitivity	-47±3dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	5V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>55dB(A)
Dimension(mm)	12 Ø x 37
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug

LAV-6A Lavalier Microphone

Features : LAV-6A

- » Featuring clear and clean sound for various presentation applications.
- » Wide-range frequency response for a true nature sound reproduction.
- » Low handling noise and good sensitivity.
- » Compatible with body-pack transmitter.



Specifications : LAV-6A

Type	Uni-Directional Electret Condenser
Sensitivity	-47±3dB
Frequency Range	100 ~ 20,000Hz
Max. Operation Voltage	5V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>55dB(A)
Dimension(mm)	12 Ø x 37
Standard Accessories	Wind Screen & Clip
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug

MASCOT



PA / LECTURE APPLICATION

It is to achieve stable reception, signal and superior clarity voice; you need professional UHF or 2.4GHz systems' module.

It is to enhance the audio quality for the wireless Portable Sound System and Audio Lectern, MASCOT commits to provide the best solution for the audio field, the module is not only eliminate the noise interference, but also improve the signal quality and extend the distance.

The 3 type of modules are available for the Portable PA System and the Audio Lectern,

- UR-01 : UHF Non-Diversity module
- UR-01A : UHF Diversity module
- DR-024 : Digital Diversity module

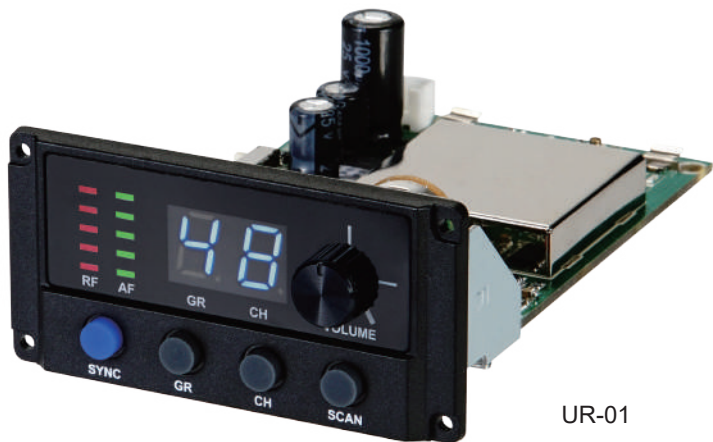


Bonded relations between receiver antenna and transmitter

As much as possible to follow these rules to get a great signal.

- 1.It is better no any obstacle between RX and TX.
- 2.The RX antenna is better facing to TX.
- 3.Do not block by a bunch of machines in the console while the RX stores in a close cabinet.
- 4.It is to avoid the RX antenna nearby or touch Metal objects or other conductive materials.





UR-01

UR-01 Single-Channel Receiver Module

Features : UR-01

- » AF/RF LED clearly indicate reception status.
- » Clearly group and channel LED display.
- » Single button scan function.
- » Preset 4 frequency group containing 8 channel each.

Specifications : UR-01

Receiving Mode	Non-diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Preset Channel	4 group: 8 compatible channel in each group
Modulation/Oscillator	PLL Synthesized
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Receiving Sensitivity	At 5μV over 70dB S/N ratio
IF Frequency	1st: 243.95MHz 2nd: 10.7MHz
Tone Signal	32.768kHz
Current Consumption	145±10mA
Dimension(mm) WxHxD	73 x 36.5 x 117.5





UF-62B

UT-61

UF-62B Handheld Microphone

UT-61 Bodypack Transmitter

Features : UF-62B

- » Features the MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » Optional condenser capsule unit delivers delicate and clean voice in high frequency, and is suitable for high voice range performance.
- » SYNC function for quickly channel setting.
- » LCD shows group, channel and battery status.

Features : UT-61

- » LCD features group, channel and battery status.
- » Gain settings for different audio input sources.
- » SYNC function for quickly channel setting.
- » Convenient mute switch function.

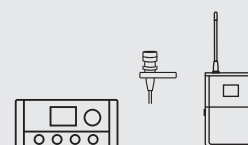
Specifications : UF-62B / UT-61

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	SYNC with receiver
Display	LCD shows group, channel and battery status
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-61: 0dB / -10dB / -20dB
Mic Unit	UF-62B: Uni-Direction dynamic unit Uni-Direction electret condenser unit UT-61: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Current Consumption	120±10mA
Dimension(mm)	UF-62B: 258 x 51Ø
WxHxD	UT-61: 65 x 97 x 25
Net Weight	UF-62B: Approx. 263g UT-61: Approx. 86g

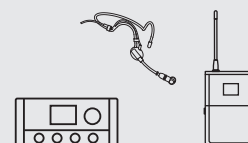
VOCAL



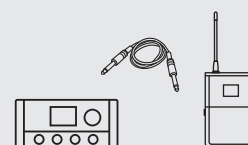
LAVALIER



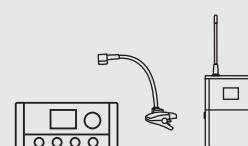
HEADSET



GUITAR



INSTRUMENT



STAGE

CONFERENCE/SPEECH

AEROBICS

MULTI

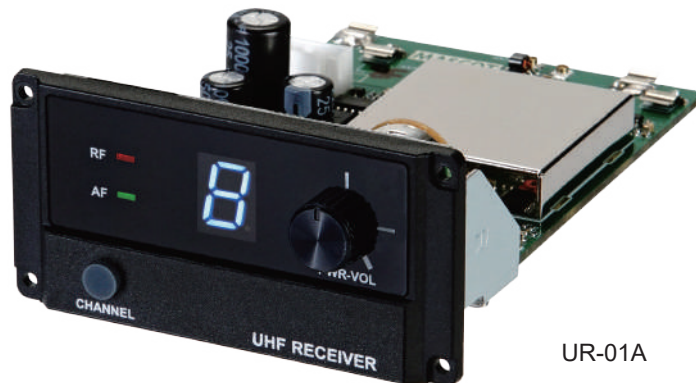
STREAMING PLATFORM

INSTRUMENT

PA/LECTURE

PERSONAL AMPLIFICATION

OTHERS



UR-01A

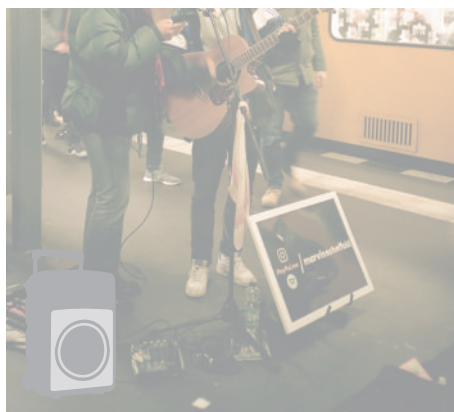
UR-01A Single-Channel Diversity Receiver Module

Features : UR-01A

- » Diversity transmission range: up to 60 meters / 200 feet.
- » Preset 8 channel for easy operation.
- » AF/RF LED shows the reception status.

Specifications : UR-01A

Receiving Mode	Diversity
Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Preset Channel	8 channel
Modulation/Oscillator	PLL Synthesized
S/N Ratio	> 100dB(A), at 20kHz deviation and 60dBμV antenna input
AF Response	50Hz ~ 18kHz
T.H.D.	< 1% (at 1kHz)
Dynamic Range	> 100dB
Receiving Sensitivity	At 5μV over 70dB S/N ratio
Tone Signal	32.768kHz
Current Consumption	145±10mA
Dimension(mm) WxHxD	73 x 36.5 x 105





UF-21B Handheld Microphone

UT-16B Bodypack Transmitter

Features : UF-21B

- » Features the MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » Optional condenser capsule unit delivers delicate and clean voice in high frequency, and is suitable for high voice range performance.
- » The 7-segment LED display shows the current operating channel.

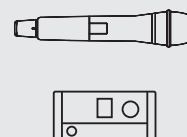
Features : UT-16B

- » Gain setting for different audio input sources.
- » The 7-segment LED display shows the current operating channel.
- » 2 AA batteries offer a long time operation.
- » Convenient mute switch function.

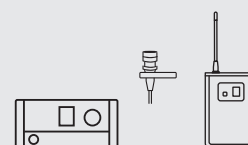
Specifications : UF-21B / UT-16B

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Channel Select	Button select
Display	LED shows channel
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Spurious Emission	>60dB below carrier frequency
Gain Setting	UT-16B: 10dB / 0dB / -10dB
Mic Unit	UF-21B: Uni-Direction dynamic unit Uni-Direction electret condenser unit
Battery	UT-16B: Headset Mic / Lavalier Mic / Instrument Mic
Current Consumption	DC 3V (1.5V x 2AA) 120±10mA
Connector	UT-16B: 3.5Ø screw plug
Dimension(mm)	UF-21B: 260 x 51Ø
WxHxD	UT-16B: 65 x 97 x 24
Net Weight	UF-21B: Approx. 240g UT-16B: Approx. 84g

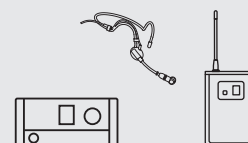
VOCAL



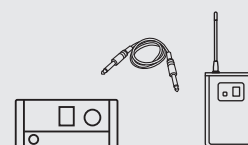
LAVALIER



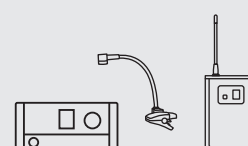
HEADSET



GUITAR



INSTRUMENT



STAGE

CONFERENCE/SPEECH

AEROBICS

MULTI

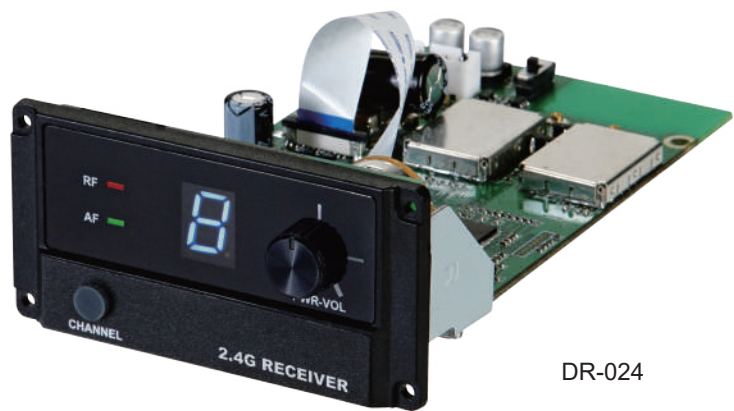
STREAMING PLATFORM

INSTRUMENT

PA/LECTURE

PERSONAL AMPLIFICATION

OTHERS



DR-024

DR-024 Single-Channel Diversity Receiver Module

Features : DR-024

- » Diversity transmission range: up to 50 meters.
- » Preset 8 channel for easy operation.
- » AF/RF LED shows the reception status.

Specifications : DR-024

Receiving Mode	Diversity
Frequency Range	ISM 2,400 ~ 2,483 MHz
Preset Channel	8 channel
Modulation	FSK digital modulation
Audio Sampling	24 bits / 48 kHz
S/N Ratio	>100dB(A)
AF Response	50Hz ~ 20kHz
T.H.D.	<1% (at 1kHz)
Dynamic Range	>100dB
Latency	<5 ms
Current Consumption	165±10mA
Dimension(mm) WxHxD	73 x 36.5 x 115





DF-024

DB-024

DF-024 Handheld Microphone

DB-024 Bodypack Transmitter

Features : DF-024

- » Features with MASCOT dynamic capsule for sweet sound and avoiding handling noise.
- » Pair function for quickly channel setting.
- » Talk switch for easy operation.

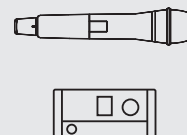
Features : DB-024

- » Pair function for quickly channel setting.
- » Gain settings for different audio input sources.
- » Convenient mute switch function.

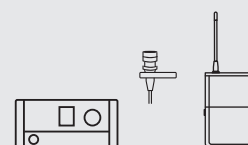
Specifications : DF-024 / DB-024

Frequency Range	ISM 2,400 ~ 2,483 MHz
Channel Select	Pair with receiver
Display	LED shows battery status
RF Power Output	10mW (max.)
Transmitting Mode	Frequency Hopping
Gain Setting	DB-024: 0dB / -10dB / -20dB
Current Consumption	180±10mA
Mic Unit	DF-024: Uni-Direction dynamic unit Uni-Direction electret condenser unit DB-024: Headset Mic / Lavalier Mic / Instrument Mic
Battery	DC 3V (1.5V x 2AA)
Dimension(mm) WxHxD	DF-024: 264 x 51Ø DB-024: 68 x 85 x 25
Net Weight	DF-024: Approx. 248g DB-024: Approx. 92g

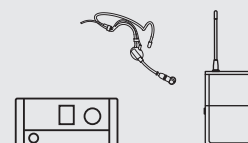
VOCAL



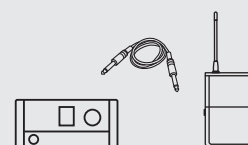
LAVALIER



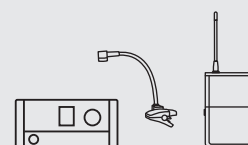
HEADSET



GUITAR



INSTRUMENT



STAGE

CONFERENCE/SPEECH

AEROBICS

MULTI

STREAMING PLATFORM

INSTRUMENT

PA/LECTURE

PERSONAL AMPLIFICATION

OTHERS

MASCOT

PERSONAL AMPLIFICATION APPLICATION

NEW PSAP-02 Personal Amplifier

PSAP-02 is specially designed for the person who has moderate and mild hearing impairment. It is easy to operate, besides, the lightweight and stylish design allows the users to wear it without uncomfortable.



Features

- » Portable delicate designed.
- » Superior quality with good value.
- » Three-level volume control, clear pickups.
- » 1xAAA battery.
- » 304 stainless steel clip.



Three-level
volume control



Clear
sound



Moderately
applicable



Power
saving



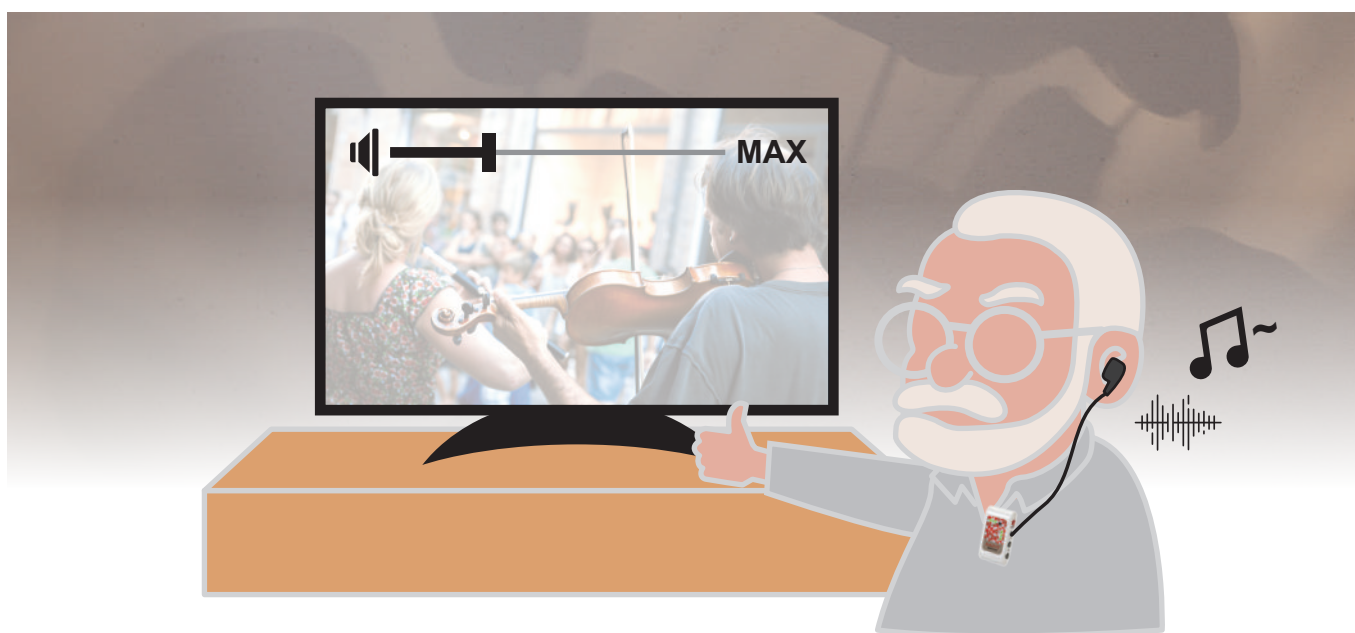
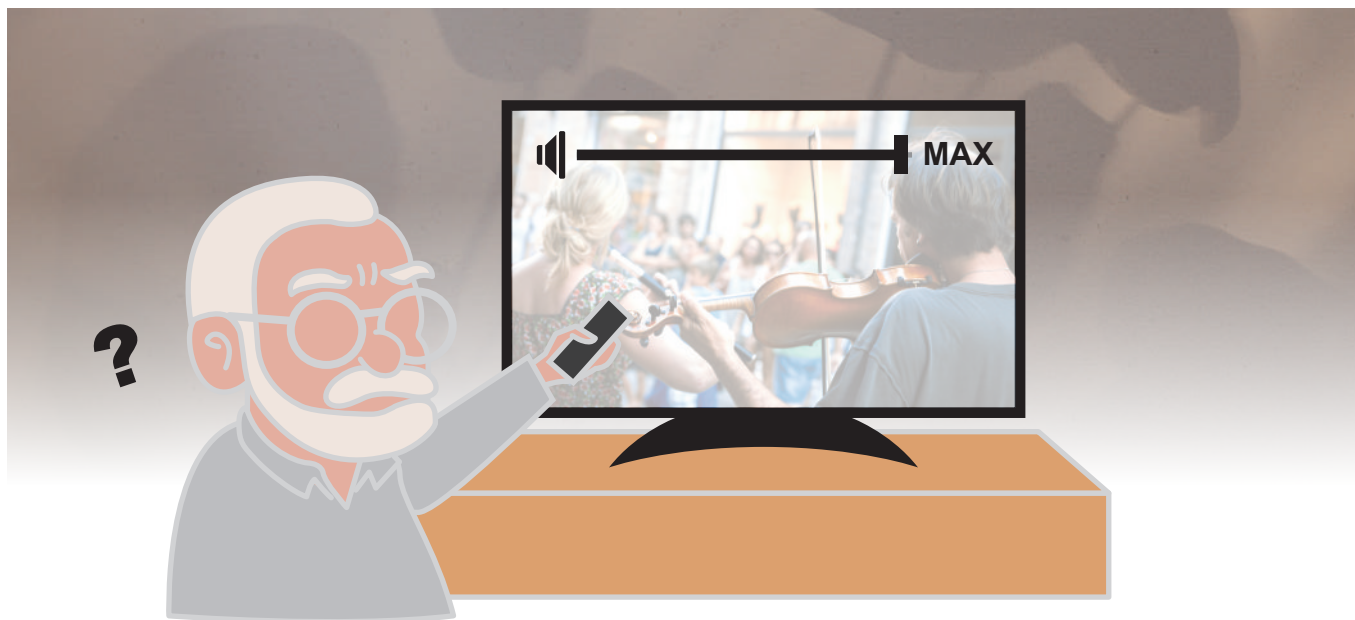
Operation
simplify



Exquisite
technics

Communication barriers free

MASCOT PSAP-02 is an intuitive operation design, just need to plug in the headphones and turn on the power to use them. Suitable for participating in course activities, watching movies, concerts, and daily life at home.



Easy to operate



1 piece of AAA battery
can last for 8 hours



Lightweight and
easy to carry

MASCOT



OTHERS

Those accessories take an important part in the wireless microphone professional field. One-stop solution is to satisfy with what you would like to have a stable signal to enhance the distance and meanwhile to fit your different needs in different places.



LAV-6A

LAV-6A Lavalier Microphone

Features

- » Featuring clear and clean sound for various presentation applications.
- » Wide frequency response for a true nature sound reproduction.
- » Low handling noise and good sensitivity.
- » Compatible with body-pack transmitter.

Specifications

Type	Uni-Directional Electret Condenser
Sensitivity	-47±3dB
Frequency Range	100 ~ 20,000Hz
Max. Operation Voltage	5V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>55dB(A)
Dimension(mm)	12 Ø x 37
Standard Accessories	Wind Screen & Clip
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug



LAV-7A

LAV-7A Lavalier Microphone

Features

- » Featuring clear and clean sound for various presentation applications.
- » Wide frequency response for a true nature sound reproduction.
- » Low handling noise and good sensitivity.
- » Compatible with body-pack transmitter.

Specifications

Type	Uni-Directional Electret Condenser
Sensitivity	-47±3dB
Frequency Range	100 ~ 20,000Hz
Max. Operation Voltage	5V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>55dB(A)
Dimension(mm)	12 Ø x 38
Standard Accessories	Wind Screen & Clip
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug





LAV-204

LAV-204 Lavalier Microphone

Features

- » Good sensitivity: pick-up the sound very clearly, even the capsule unit is far away from the sound source.
- » Eliminate the breathing noise and has very good sensitivity.
- » Smaller and light design let user wearing more comfortable.
- » Compatible with body-pack transmitter.

Specifications

Type	Omni-Directional Electret Condenser
Sensitivity	-42±3dB
Frequency Range	100 ~ 20,000Hz
Max. Operation Voltage	10V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>58dB(A)
Dimension(mm)	5.7 Ø x 16.5
Standard Accessories	Wind Screen & Clip
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug



LAV-206

LAV-206 Lavalier Microphone

Features

- » Pick-up the sound very clearly, even the capsule unit is far away from the sound source.
- » Eliminate the breathing noise and has very good sensitivity.
- » Smaller and light design let user wearing more comfortable.
- » Compatible with body-pack transmitter.

Specifications

Type	Omni-Directional Electret Condenser
Sensitivity	-43±3dB
Frequency Range	100 ~ 20,000Hz
Max. Operation Voltage	10V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>58dB(A)
Dimension(mm)	8.6 Ø x 22
Standard Accessories	Wind Screen & Clip
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug



SM-11

SM-11 Instrument Microphone

Features

- » Adjustable clip and gooseneck can pick-up sound source in properly position.
- » Wide-range frequency response provides the powerful, smooth and clean sound.
- » Low distortion at high sound pressure occasions.

Specifications

Type	Uni-Directional Electret Condenser
Sensitivity	-47±3dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	5V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>55dB(A)
Dimension(mm)	12 Ø x 37
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug



HMT-2

NEW HMT-2 Headset Transmitter

Features

- » Clear and nature frequency response for perfect sound performance.
- » 4 hour battery life, USB 2.0 charging.
- » An ergonomic headset design fits securely and comfortably for fitness and aerobics instructors.
- » IPX4 Water resistance construction, the microphone is able to bear the sweat.
- » The detachable microphone allows to be replaced when unfunctional.
- » Compatible with dual channel(16CH) receiver.

Specifications

Frequency Range	UHF 520 ~ 937.5 MHz (Regionally Selected)
Preset Channel	8 channel
Channel Select	Button select
Display	LED shows the channel
RF Power Output	10mW (max.)
Frequency Stability	±0.005%
Sensitivity	-42±3dB
S/N Ratio	>58dB(A)
Type	Omni-Directional Electret Condenser
Water Resistance	IPX4
Battery	310mAh lithium battery
Dimension(mm) WxHxD	270 x 140 x 70
Net Weight	Approx. 47.5g

NEW HM-16

Insert Molding Headset Microphone

Features

- » Soft memory foam frame.
- » Insert molding with titanium wire.
- » IPX4 Water resistance construction, the microphone is able to bear the sweat.

Specifications

Type	Omni-Directional Electret Condenser
Sensitivity	-42±3dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	10V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>58dB(A)
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug



HM-16



NEW HM-15 Headset Microphone

Features

- » Clear and nature frequency response for perfect sound performance.
- » An ergonomic headset design fits securely and comfortably for fitness and aerobics instructors.
- » IPX4 Water resistance construction, the microphone is able to bear the sweat.
- » The detachable microphone allows to be replaced when unfunctional.

Specifications

Type	Omni-Directional Electret Condenser
Sensitivity	-42±3dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	10V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>58dB(A)
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug

HM-13 Headset Microphone

Features

- » Ultra lightweight, comfortable, flexible design is stable and easy to place over on ears.
- » Subminiature omni-directional cartridge offers nicer pick up sound and superior clarity voice.
- » Hands-free operation brings convenience.

Specifications

Type	Omni-Directional Electret Condenser
Sensitivity	-42±3dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	10V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>58dB(A)
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 3.5Ø screw plug

HM-11 Headset Microphone

Features

- » Design with the lightweight wireframe for long time operation.
- » Clear and nature frequency response for perfect sound performance.
- » Ideally provide isolation from external unwanted sound source and high gain-before-feedback.
- » For professional user.

Specifications

Type	Uni-Directional Electret Condenser
Sensitivity	-47±3dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	5V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>55dB(A)
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug



HM-15



HM-13



HM-11



HM-7

HM-7 Headset Microphone

Features

- » Lightweight wireframe and elastic headband adjust for a secure and comfort fit.
- » Delivers high sound quality with hand-free operation.
- » Sweat resistant and shockproof construction eliminated the handing or shaking noise.

Specifications

Type	Uni-Directional Electret Condenser
Sensitivity	-47±3dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	5V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>55dB(A)
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug



HM-6

HM-6 Headset Microphone

Features

- » Design with the lightweight wireframe for long time operation.
- » Delivers high sound quality with hand-free operations.
- » Suitable for vocal application where comfort and reliability are required.

Specifications

Type	Uni-Directional Electret Condenser
Sensitivity	-49±4dB
Frequency Range	100~20,000Hz
Max. Operation Voltage	10V DC
Current Consumption	Max. 0.5mA
S/N Ratio	>60dB(A)
Standard Accessories	Wind Screen
Connector	3pin Mini XLR TA3F Female Connector 4pin Mini XLR TA4F Female Connector 3.5Ø screw plug





AD-214 Antenna Divider

Features

- » Efficient use on managing multiple antennas into a pair of antenna.
- » 4 pairs of antenna RF output are located at rear panel.
- » Built-in RF amplifier can compensate the signal split losses.
- » Supply DC power up to 4 receivers.
- » BNC type connector.

Specifications

Frequency Range	500MHz ~ 1GHz
Gain Range	3dB \pm 0.5dB
Input Impedance	50 Ω
Output Impedance	50 Ω
Power Input	DC 12 ~ 18V, 5A Switching Power Supply, 1DC Input, 4DC Output
RF Output Terminal	2 RF Inputs and 2 RF Outputs divided into 8 RF Outputs
Antenna DC Output	DC 12V (120mA) for EA antenna booster connection
RF connector	BNC Female Type
Dimensions(mm) WxHxD	420 x 180 x 44



AU-9A Log Antenna

Features

- » UHF wideband (500 MHz ~ 1GHz) frequency range.
- » It can be used as a transmitting or receiving antenna for detachable antenna wireless microphone system or in-ear monitoring system.
- » With 4~6dBi gain is suitable for various application required specific directionality.
- » Adjustable connector design allows it to be mounted on a microphone stand, wall or suspended from the ceiling.
- » Must go with AB-1 or AB-8A.

Specifications

Pick-up Pattern	Uni-Directional
Open Angle	$\pm 50^\circ$
Frequency Range	500MHz ~ 1GHz
Front/Back Ratio	≥ 18 dB
Antenna Gain	5.5dBi
Wave Impedance	50 Ω
RF Connector	BNC
Stand Adapter	5/8" x 27 brass thread
Dimensions(mm) WxHxD	273.3 x 273 x 26
Weight	310g



AB-1 Antenna Booster

Features

- » Compatible with AU-9A Log Antenna.
- » It can enhance the receiving sensitivity and compensate the signal loss from extend coaxial cable transmission.
- » Powered by receiver or antenna divider.
- » Optional for different frequency band, or full range frequency band.

Specifications

Frequency Range	500MHz ~ 1GHz
Gain Range	15dB \pm 1dB
Impedance	50 Ω
Selectable Gain	0dB (passive) / -6dB
Power Supply	DC 12V / 60mA
Dimensions(mm) WxHxD	65 x 40 x 15



AB-8A

AB-8A Antenna Booster

Features

- » Enhancing the receiving sensitivity and stability on application.
- » RF amplifier can compensate for the RF signal losses extension cable up to 9dB.
- » BNC type connector.

Specifications

Frequency Range	500MHz ~ 1GHz
Gain Range	9dB \pm 1dB
Impedance	50 Ω
Power Supply	DC 8V
Dimensions(mm) WxHxD	80 x 26 x 26



AH-1

AH-1 Antenna Holder

Features

- » Easily assembled on the microphone stand or mounted on the wall.
- » Compatible with AB-8A.

Specifications

Screw Adapter	5/8" Female Type
Dimensions(mm) WxHxD	80 x 26 x 26



AH-2

AH-2 Antenna Holder

Features

- » The wall-mountable antenna holder makes the AU-9A easily be connected to the receiver, which can be installed on the wall for indoor use.
- » Compatible with AU-9A.

Specifications

Screw Adapter	5/8" Female Type
Dimensions(mm) WxHxD	80 x 26 x 26



AS-21

AS-21 Antenna Splitter

Features

- » It can split an incoming signal into two outgoing signals.
- » It can also combine two incoming signals into one outgoing signal.
- » Useful tool on the various antenna system applications.
- » BNC type connector.

Specifications

Frequency Range	400 ~ 1000MHz
Input Impedance	50 Ω
Isolation	18dB
Loss	< 3dB
RF connector	BNC Female Type
Dimensions(mm) WxHxD	77 x 64 x 26



AS-1

AS-1 Antenna Splitter

Features

- » Split one incoming signal into two outgoing signals.
- » It also can combine two incoming signals into one outgoing signal.
- » BNC type connector.

Specifications

Frequency Range	500MHz ~ 1GHz
Input Impedance	50 Ω
Isolation	12dB
Loss	< 4.5dB
RF connector	BNC Female Type
Dimensions(mm) WxHxD	40 x 32 x 28

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BB-50

BB-50/BB-100/ BB-1000 Extension Cable

Features

- » Extension cable with BNC male connector for connection with receiver to booster, splitter or divider.
- » Customized extension cable in different length is also available.

Specifications

Cable	CFD200 / NL
Length	BB-50: 50cm BB-100: 100cm BB-1000: 10M



AB-8C

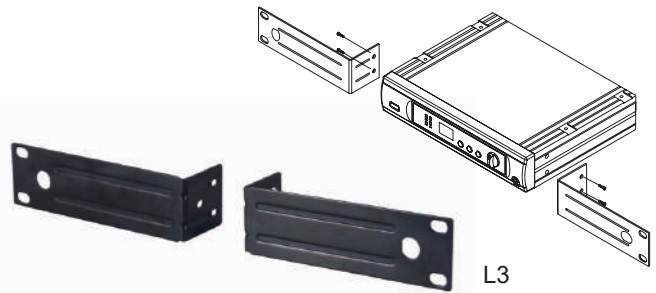
AB-8C Ceiling Mounted Antenna Booster

Features

- » Invisible design and easily to be fixed directly on the ceiling.
- » Built-in 9dB gain is suitable for installations required to extend the operating range, like supermarket or shopping center.

Specifications

Frequency Range	500MHz ~ 1GHz
Gain Range	9dB ± 1dB
Antenna Impedance	50Ω
Max. Ceiling Thickness	15mm
Mounting Hole Ø	38mm
Connector	BNC
Input Voltage	8V DC 80mA (via coaxial cable)



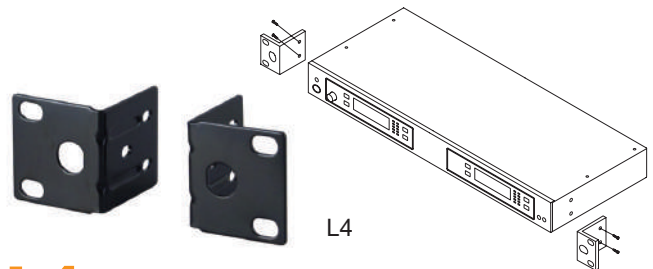
L3

L3

Long L Type Metal Rack

Features

- » 2 pieces L3 to mount a 1/2 rack size receivers in a 19" rack.



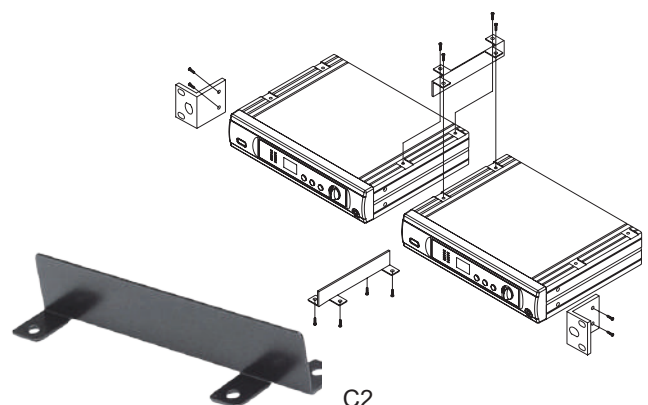
L4

L4

Short L Type Metal Rack

Features

- » 2 pieces L4 to mount a 19" rack size receivers in a 19" rack.



C2

C2

Connecting Plate

Features

- » 2 pieces L4 with 2 pieces C2 can combine two 1/2 rack size receivers in a 19" rack.



CB-401

CB-401 Guitar Cable

Features

- » 3.5Ø screw type plug / 6.3Ø plug.
- » Bodypack transmitter to guitar, instruments or other recording equipment.



CB-402

CB-402 Guitar Cable

Features

- » 3pin mini XLR TA3F Female connector / 6.3Ø plug.
- » Bodypack transmitter to guitar, instruments or other recording equipment.



CB-402M

CB-402M Guitar Cable

Features

- » 3pin mini XLR TA3F Female connector / 6.3Ø metal plug.
- » Bodypack transmitter to guitar, instruments or other recording equipment.



H-12

H-12 Microphone Holder

Features

- » Suitable for handheld microphone.



PE

PE Carry Case

Features

- » Convenient and durable case.
- » Suitable for package of a half 19" wireless microphone set.



Keep Enhancing!

www.mascot-mic.com

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