

MASCOT

WIRELESS MICROPHONE SYSTEM

Burgundy
Series!



WWW.MASCOT-MIC.COM

E-mail : sales@mascot-mic.com

MASCOT

RS-51B Diversity Receiver
RS-55B Diversity Dual Channel Receiver

Burgundy Series!



Features

- Easy-to-setup and deliver good sound quality.
- Diversity transmission range: up to 60 meter / 190 feet.
- Clearly channel LED display.
- High Signal/Noise Ratio Performance.
- Balanced XLR and unbalanced 1/4" jack outputs.
- Adjustable squelch for eliminating RF interference.
- Easy to be installed into a standard 19" rack by rack kits.

RS-51B / RS-55B RECEIVER	
Receiving Mode	Diversity
Frequency Range	UHF520 ~ 937.5MHz (Regionally Selected)
Display	7 Segment Display shows Channel
Bandwidth	30MHz
Preset Channel	8 Channel
Oscillator	PLL Synthesized
S/N Ratio	> 100dB, at 20KHz deviation and 60dBμV antenna input
AF Response	50Hz to 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
Audio Output	Balance & Unbalanced
Power Supply	DC12V
Current Consumption	RS-51B: 150 ± 10mA RS-55B: 350 ± 10mA
Case	RS-51B: Half 19" EIA Rack Case RS-55B: 19" EIA Metal Case
Dimension(mm) WxHxD	RS-51B: 200 x 42 x 122 RS-55B: 400 x 42 x 183
Net Weight	RS-51B: Approx. 365 g RS-55B: Approx. 1445 g



VOCAL



LAVALIER



GUITAR



HEADWORN



INSTRUMENT

RS-31B

Diversity Receiver

RS-33B

Diversity Dual Channel Receiver

Burgundy
Series!



Features

- Easy-to-use intuitive interface with preset 8 channel offers quickly setup.
- Diversity receiver ensure the reliable transmission quality.
- AF/RF LED clearly indicated reception status.
- XLR and ¼" output connectors.
- Adjustable squelch for eliminating RF interference.
- Up to 60 meters reception for total wireless freedom.

RS-31B / RS-33B RECEIVER	
Receiving Mode	Diversity
Frequency Range	UHF520 ~ 937.5MHz (Regionally Selected)
Display	7 Segment Display shows Channel
Bandwidth	30MHz
Preset Channel	8 Channel
Oscillator	PLL Synthesized
S/N Ratio	>100dB, at 20KHz deviation and 60dBμV antenna input
AF Response	50Hz to 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
Audio Output	Balance & Unbalanced
Power Supply	DC12V
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. 260 g RS-33B: Approx. 375 g



MASCOT

UF-31B Handheld Microphone
UT-51B Bodypack Transmitter



UF-31B



UT-51B

Features UF-31B

- Features the MASCOT μ 93 dynamic capsule for sweet sound and avoiding handling noise.
- Optional VC-7 condenser capsule unit delivers delicate and clean voice in high frequency, and is suitable for high voice range performance.
- LED shows power status.
- Talk switch for easy operation.

Features UT-51B

- Gain setting for different audio input sources.
- Convenient mute switch function.
- 2 AA batteries offer a long time operation.

UF-31B / UT-51B TRANSMITTER	
Frequency Range	UHF520 ~ 937.5MHz (Regionally Selected)
Channel Select	Rotary
Display	LED shows the battery status
RF Power Output	10mW (max.)
Frequency Stability	$\pm 0.005\%$
Spurious Emission	$> 60\text{dB}$ below carrier frequency
Gain Setting	UT-51B: 0dB / -10dB / -20dB
Battery	DC3V (1.5V x 2 AA batteries)
Current Consumption	120 \pm 10mA
Dimension(mm) WxHxD	UF-31B: 260 x 54 \varnothing
	UT-51B: 65 x 97 x 25
Net Weight	UF-31B: Approx. 240 g
	UT-51B: Approx. 84 g