

Shure BLX14R/MX53 Specs

System

Wireless Transmission	Analog UHF
Number of RF Channels	123
Included Transmitters	1 x Bodypack
Diversity	Antenna Diversity
RF Frequency Band	H9: 512 to 542 MHz
RF Bandwidth	24 MHz
RF Channel Scanning	Auto-Scan
Max Operating Range	300' / 91.4 m (Line of Sight)
Max Systems per Setup	12
Dynamic Range	100 dBA

Receiver

Form Factor	Tabletop
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Mounting Options	Rackmount (with Included Hardware)
Rackmount Size	1 RU (1/2 Rack)
Antenna	2 x 1/4 Wave External, Detachable (Rear-Mount)
Number of Audio Channels	1
Audio I/O	1 x XLR 3-Pin Male Balanced Output 1 x 1/4" TS Female Unbalanced Output
Audio Output Level	XLR Output: -20.5 dBV (Mic Level) 1/4" Output: -13 dBV (Instrument Level)
Frequency Response	50 Hz to 15 kHz (Dependent on Mic)
Impedance	XLR Output: 200 Ohms 1/4" Output: 50 Ohms
Adjacent Channel Isolation	>50 dB
Power Requirements	AC/DC Power Adapter
AC/DC Power Adapter	12 to 15 VDC at 260 mA, Center-Positive (Included)

Display & Indicators	1 x Backlit LCD (AF Level, Channel, Group, Metering, RF Level) 1 x LED (Transmitter Battery Status)
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Housing	Steel
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Operating Temperature	0 to 135°F / -17 to 57°C
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Dimensions	7.8 x 2 x 6.4" / 198 x 50 x 163 mm (without Mounting Hardware, Antennas)
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Weight	35.2 oz / 998 g
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Transmitter

Form Factor	Bodypack
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RF Output Power	10 mW
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Audio I/O	1 x TA4/Mini XLR 4-Pin Male Input (Lockable)
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Muting	Off/On Switch
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Auto-Level Control	No
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Gain Range	-16 to +10 dB
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Sync Method	Manual
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Antenna	1 x Flexible Whip, Fixed (Beltpack)
Power Requirements	Battery
Battery Type	2 x AA (Included)
Approx. Battery Life	14 Hours (Alkaline)
Display & Indicators	1 x Multi-Segment LED (Channel, Group) 1 x LED (Battery Status, Power)
Housing	ABS
Dimensions	2.5 x 4.3 x 0.8" / 64 x 110 x 21 mm
Weight	2.6 oz / 75 g (without Batteries)

Microphone

Form Factor	Earset
Sound Field	Mono
Capsule	Electret Condenser
Polar Pattern	Omnidirectional
Frequency Range	20 Hz to 20 kHz

SNR	60 dB
Equivalent Noise Level	34 dB
Maximum SPL	107 dB SPL
Sensitivity	-41 dBV/Pa
Dynamic Range	73 dB
Output Connectors	1 x TA4/Mini XLR 4-Pin Female (Lockable)
Cable Length	4' / 1.22 m
Operating Voltage	1 to 5 V
Operating Temperature	0 to 135°F / -17 to 57°C
Weight	0.7 oz / 19.76 g

Packaging Info

Package Weight	7.15 lb
Box Dimensions (LxWxH)	18.3 x 14.9 x 3.7"