





PRODUCT NAME

SHURE BLX14RE/MX53-H8E

DESCRIPTION

Shure BLX14RE/MX53-H8E is a wireless microphone system operating at a UHF 518-542MHz frequency. The set proposed by SQM Rental House consists of a BLX4R wireless receiver, MX153 on-ear microphone, and a reliable BLX1 bodypack transmitter.

The analog Shure BLX4R receiver is adapted to be placed on a rack shelf. The device supports 12 compatible channels, and also significantly simplifies the configuration process with the scan function. On the front panel of the receiver, there is an LCD screen that informs about the group, channel, as well as RF and audio measurement. On its right side, there are group and channel selection buttons. On the rear panel, there is a standard microphone output (3-pin, balanced XLR) and a 6.3-mm unbalanced output for the connection of an instrument.

The Shure MX153 miniature microphone is an electret capacitive device with omnidirectional characteristics and a frequency range of 20 to 20,000 hertz (flat characteristic). The microphone's equivalent noise is 34dB(A) and the sensitivity is -41dBV/Pa.

The last element of the set is the Shure BLX1 wireless bodypack transmitter, which is equipped with a WA330 four-pin connector. The analog transmitter with adjustable input sensitivity is powered by two AA batteries. The manufacturer ensures that they allow 14 hours of continuous use.

PRODUCT NAME

SHURE BLX14RE/MX53-H8E

DESCRIPTION (CONTINUED)

The Shure BLX14RE/MX53-H8E wireless system is a reliable set that will ensure solid voice reconstruction through a miniature on-ear microphone.

SPECIFICATIONS

Device type	Transmitter
Device type	Receiver
Device type	Microphone
Working range (m)	91 (Ideal conditions)
Operating frequency (MHz)	518 ~ 542 (UHF)
Frequency response (Hz)	20 ~ 20000
Dynamic range (dB)	100 (A-weighted)
THD (%)	0.5

RECEIVER	
Output impedance (Ω)	200 (XLR)
Output impedance (Ω)	50 (6.3mm jack)
RF sensitivity (dBm)	-105 (12dB SINAD)
Image rejection (dB)	50

TRANSMITTER/MIC	
Microphone type	Condenser
Polar pattern	Omnidirectional
Microphone sensitivity (dBV/Pa)	-41 (9mV/Pa, 1kHz)

SPECIFICATIONS

Gain adjustment range (dB)	26 (-16dBV, +10dBV)
RF output (mW)	10
Microphone net weight (kg)	0.019
Transmitter width (mm)	64
Transmitter height (mm)	110
Transmitter depth (mm)	21
Transmitter net weight (kg)	0.075
Width (mm)	198
Height (mm)	50
Depth (mm)	163
Net weight (kg)	0.998