SHURE BLX24/SM58-H8E

TECHNICAL DETAILS

Device type	Wireless microphone
Device type	Receiver
Working range (m)	91 (Ideal conditions)
Operating frequency (MHz)	518 ~ 542 (UHF)
Frequency response (Hz)	50 ~ 15000
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
Width (mm)	188
Height (mm)	40
Depth (mm)	103
Net weight (kg)	0.241

TRANSMITTER/MIC	
Microphone type	Dynamic
Polar pattern	Cardioid
Microphone sensitivity (dBV/Pa)	-54.5 (1.85mV/Pa, 1kHz)
Gain adjustment range (dB)	10 (-20dBV, -10dBV)
RF output (mW)	10

Microphone length (mm)	162
Microphone diameter (mm)	51 (Capsule)
Microphone net weight (kg)	0.298

PRODUCT DESCRIPTION

SQM Multimedia Support offers a wireless BLX24/SM58-H8E microphone set from the American brand Shure. The set consists of an integrated SM58-H8E microphone capsule and a BLX4 receiver.

The device version uses the 518-542MHz UHF band and the frequency response is equal to 50-15,000 hertz. The dynamic range parameter is 100dBA and the range of trouble-free operation is 91 meters.

BLX2/SM58 is a dynamic microphone with cardioid characteristics that has sensitivity equal to -54.5dBV/Pa (1.85mV for 1kHz, 1Pa=94dB SPL). Device powered by two AA batteries allows for about 14 hours of operation (according to the manufacturer's specifications). The LED diode informs about the current battery status.

The analog BLX4 receiver supports up to 12 systems in one frequency band and is equipped with a three-pin XLR microphone output and a 6.3-mm jack output for the instrument connection.

With a deviation of +/-33kHz for a frequency of 1kHz and a load of 100 ohms, the audio output level on the XLR connector is -20.5dBV. With analogous parameters, the level for the 6.3 mm jack is -13dBV. The receiver housing is made of molded ABS.

Product link:

https://rentalhouse.sqm.eu/gb/microphones/200-shure-blx24sm58-h8e.html