





PRODUCT NAME

SHURE BLX14E/P31-H8E

DESCRIPTION

SQM Rental House presents Shure BLX14E/P31-H8E, i.e. a wireless analog transmission system with an ergonomic headset microphone.

The set consists of a reliable BLX4 analog receiver that supports 12 compatible systems on the same band. BLX4 is equipped with a compact LED screen that informs about the current group and channel. The back panel gives access to two outputs - a balanced XLR microphone connector and an unbalanced jack (with a diameter of 6.3mm) for instruments. Thanks to group and channel scanning, the configuration process is simplified.

The next part of the set is the Shure BLX1 bodypack transmitter. The device with a molded ABS housing is equipped with an attached quarter-wave antenna and TQG (Mini XLR) connector. It offers gain control in the range of 26 decibels. Shure BLX1 with an input impedance of 1MΩ is powered by alkaline batteries (2 x AA), which can allow up to 14 hours of operation (according to Shure specifications).

An inseparable part of the BLX14E/P31-H8E kit is the electret condenser microphone with a cardioid polar pattern - Shure PGA31. The frequency response of the microphone is 60 Hz-20 kHz, and the sensitivity is -50dBV/Pa. Thanks to the Gooseneck arm, the user has the ability to easily adjust the microphone position, and thanks to the suppression of plosive consonants, perfectly clean sound quality

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DESCRIPTION (CONTINUED)

can be obtained. The design of the compact and versatile PGA31 microphone allows it to be used even during increased activity.

Shure BLX14E/P31-H8E operates on the UHF band at 518-542MHz and allows for operation within a range of 91 meters.

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)	60 ~ 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	Cardioid
Microphone sensitivity (dBV/Pa)	-50 (3.16mV/Pa, 1kHz)

SPECIFICATIONS

Gain adjustment range (dB)	26 (-16dBV, +10dBV)
RF output (mW)	10
Microphone net weight (kg)	0.045
Transmitter width (mm)	64
Transmitter height (mm)	110
Transmitter depth (mm)	21
Transmitter net weight (kg)	0.075
Width (mm)	188
Height (mm)	40
Depth (mm)	103
Net weight (kg)	0.241