

SD-FHD

Dual Channel Wireless Microphone System



Overview

SD-FHD Dual Channel Wireless Microphone System is the perfect solution for musical performers and presenters who want to go wireless for its simplicity, but still with confidence and robust performance from the system.

Every aspect of SD-FHD operation is managed automatically and with total reliability, allowing you to focus on your performance. With its wide range of AF range, SD-FHD can operate in 600 selectable frequencies, while also intelligently avoiding interference for reliable, dropout-free audio. Its pilot tone squelch enables eliminating of RF interference when transmitter is turned off.

Featuring standard 19" 1U and portable receiver options, handheld, bodypack and plug-on transmitters, and a wide selection of handheld, lavalier, headset and instrument microphone system configurations, making it perfect for applications from lecture halls to houses of worship to performance venues.

1. Receiver

Features:

- Rugged metal chassis with soft-touch controls.
- Up to 80 simultaneous channels.
- Unique button on each channel of the receiver can be used to switch to one more transmitter (either handheld or bodypack transmitter);
- Handheld or bodypack transmitter can be switched freely for each channel.
- True diversity provides the most effective elimination of dropouts.
- Pilot tone squelch for eliminating RF interference when transmitter is turned off.
- Enhanced AF frequency range
- Built-in spectrum analyzer to auto scan and select a clear channel.
- Transmitter Sync.
- Pure aluminum alloy side plate design.
- 600 selectable frequencies, 32 preset clean channels
- OLED display screen delivers a bright, clear viewing in day/night environments.
- Equipped with both XLR balanced and Ø6.3mm unbalanced outputs.
- Offers exceptional value in both performance and price

Specifications:

Main Frame Size	EIA-Standard 19" 1U
Channels	Dual Channel
Frequency Stability	±0.005%, Phase Lock Loop frequency control
Carrier Frequency Range	UHF 603-699MHz (country dependent)
Preset Channels	32 preset channels
Operating Range	100M typical (in open space)
Oscillation	PLL synthesized
Sensitivity	6dBµV, S/N>60dB at 25 deviation
Band Width	30MHz
Max. Deviation Range	±45KHz
S/N	>105dB
T.H.D.	<0.7% @ 1KHz
Frequency response	45Hz~18KHz±1dB
Squelch	"PiloTone & NoiseLock" dual-squelch circuit
Power Supply	100-240V AC50/60 Hz, 10W
Weight	2.7KG
Dimension	482(W) X 454(H) X 234(D) (mm)
Output Connector	XLR balanced & 6.3φ phone jack unbalanced

2. Wideband Handheld Microphone



Features:

- All rugged metal die-cast construction.
- The microphone head is sperate to change other brand microphone head if needed
- 120MHz ultra-wide bandwidth.
- Array antenna design for signal stability.
- Extremely low handling noise.
- Infrared automatic transmitter sync.
- Very easy and quick to use thanks to OLED display
- 2 x AA batteries – up to 10 hours continue use.

Specifications:

Carrier Frequency Range	UHF 603-699 MHz (country dependent)
Oscillation	PLL synthesized
Harmonic radiation	< -65dBm
Bandwidth	120MHz
Max. Deviation Range	±45KHz
Microphone Element	Cardioid Dynamic
RF Power Output	3~30mW (country dependent)
Battery	AA X 2 Alkaline
Current Consumption	90mA, typical
Battery Current / Life	Approximately 10 hours
Dimension	52(Φ) X 258 (L) (mm)
Weight	293g (w/o battery)

3. Wideband Bodypack Transmitter



Features:

- Sturdy metal housing.
- Selectable 5V / 12V / 48V phantom power supply
- 120MHz ultra-wide bandwidth.
- Equipped with 4-pin mini XLR connector.
- Infrared automatic transmitter sync.
- Very easy and quick to use thanks to OLED display
- 2 x AA batteries – up to 5 ~10 hours continue use (phantom power selection dependent).

Specifications:

Carrier Frequency Range	UHF 603-699 MHz (country dependent)
Oscillation	PLL synthesized
Harmonic radiation	< -63dBm
Bandwidth	120MHz
Max. Deviation Range	±45KHz
Input Connector	4-pin mini-XLR connector
RF Power Output	3~30mW (country dependent)
Battery	AA X 2 Alkaline
Current Consumption	60mA, typical
Battery Current / Life	Approximately 5~10 hours (phantom power selection dependent)
Dimension	80.5(H) X 63(W) X 215(D) (mm)
Weight	200g (w/o battery)