

UHF Single-Channel, Long Range
Professional Wireless Microphone System

DWS-601

DWS-601

Single-Channel, Professional Wireless Microphone System



DWS-601 is a UHF Professional wireless microphone system with sophisticated and most advanced functions. The built-in channel-scanning works with the industry-leading channel synchronizing technology to rapidly complete setting of non-interference channels. High contrast LCD display on the front panel, with optional detachable UHF coaxial antenna make this system flexible in the most challenging spaces to improve signal performance, ensures stable and reliable signal reception and can be paired with passive splitters and powered distribution system, including battery status, RF signal status, and input volume of the connected transmitter to ensure the best sound quality. Easily complies various audio applications.

FEATURES

- ❑ Adjustable SQ. Increases receiver range with higher sensitivity and reduces interference with lower sensitivity.
- ❑ Pilotone, noise-detector and squelch circuits prevent noise, interference and improve operation distance.
- ❑ Auto Scanning feature rapidly discover for an interference-free working frequency and channel.
- ❑ Suitable volume gain control(s) and switch selection in-between MIC-LINE output level.
- ❑ RF Level, Channel, frequency, AF level antenna selection.
- ❑ Audio output jacks: balanced XLR or unbalanced 6.3mm.
- ❑ Connected transmitter battery status





No more noise

Industry standard pilotone, noise-detector and squelch circuits prevent noise interference. Adjustable SQ to increase receiver range with higher sensitivity and reduce interference with lower sensitivity.



Real-time display

High contrast LCD on the front panel displays antenna selection status and setting details, as well as monitoring the battery status and input volume of the connected transmitter for the audio engineer to handle and ensure the best sound quality.

Antenna Distribution

UHF detachable antennas are designed to enhance wireless audio transmission range, covering the 500-960 MHz frequency band. It ensures stable and reliable signal reception and can be paired with adapters and the UHF antenna booster and antenna dividers for improved signal performance in various audio applications.



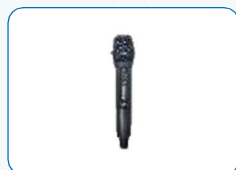
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UHF Professional Wireless Microphone

Technical Specification	
Model	DWS-601
Chassis	EIA standard 19" metal 1/2U
Receiving mode	Diversity
Frequency range	UHF 500 - 960 MHz
Bandwidth	25 MHz
Channel	Single
Preset frequencies	100
Channel sync	RX <-> TX
Frequency response	35 Hz - 18 KHz
Peak deviation	± 40 KHz
Sensitivity	S/N > 80 dBm at 10 dBμV
S/N ratio	> 120 dB(A)
T.H.D.	< 0.3% @ 1 KHz
Receiving antenna	Detachable at rear-end, TNC female.
Oscillation	PLL synthesized, frequency stability ± 0.005% (-10 - +60°C)
Squelch	Pilotone & Noise-cancelling dual-squelch circuit
Audio connector	Balanced XLR and unbalanced Ø6.3mm
Audio Output Adjustment	Gain control circuit for adjustment of output volume
Output level switch	MIC-LINE
Power supply	12V DC / 1.0A
Dimensions (mm)	200 x 150 x 44
Weight (kg)	0.73



Compatible



DWS-81
Rechargeable Handheld
Microphone



DWS-82
Rechargeable Bodypack
Microphone

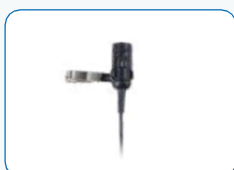


DWS-83
Wireless Gooseneck
Microphone

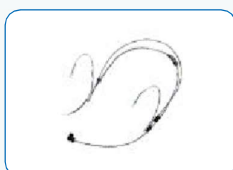
Accessories



DWS-HC92
Dual-Slot
Charging Station



DWS-MC16+
Uni-Directional
Lavalier Microphone



DWS-MC201
Dual-Sided Uni-Directional
Waterproof Head worn
Microphone



DWS-MC77
Uni-Directional
Headset Microphone



DWS-MC61B
Single-Sided Uni-
Directional Ear worn
Microphone



DWS-DA80
Wideband
Directional Antenna



DWS-AD85
Wideband 4-Channel
Antenna Divider



DWS-AB80
UHF Antenna
Booster



DWS-AD50F
Passive Antenna
Divider Pack



DWS-FM801
Rear-to-Front
Cables



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