



UHF Xtra Long Range, Professional Wireless Microphone System

DWS-702

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The DWS-702 series has the combination of a Master (MU) unit, supports up-to four Repeater unit (s) (RU) with Xtra Long-Range coverage of professional UHF Wireless Microphone Systems, specifically designed for large venues such as stadiums, convention centers, sports arenas, amusement parks, shopping malls, temples, and outdoor events. It effectively addresses the coverage limitations of conventional wireless microphones, ensuring clear sound in every corner. Whether in busy shopping centers or crowded stadiums, this system provides stable and clear audio transmission, allowing all audiences to enjoy high-quality sound experiences.

FEATURES

MU-702 (Main unit) / RU-702 (Repeater unit) effectively solves the issues of signal dropouts, interference, system and setting complexity typically seen in large area, fully demonstrating the benefits of wired connection and wireless reception. With maximum coverage of 90,000 square meters, the system is ideal for large venues such as stadiums, convention and exhibition centers, theme parks, sport arena, educational playgrounds.



MU-702 Main Unit



RU-702 Repeater unit



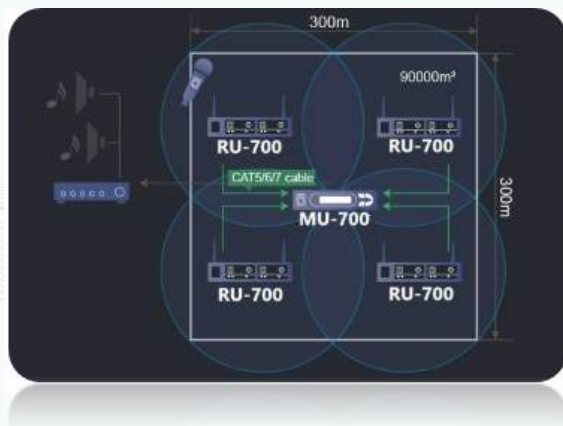
Applicable for venues

Whether for stadiums, sports, amusement parks, convention centers or exhibitions, performance venues, or religious activities, the MU-700 / RU-700 Wireless System meets your needs, ensuring the best long-range wireless audio transmission experience. Its efficient design and versatile applications make it the ideal choice for audio solutions in large venues, providing stable and reliable audio transmission services. It is suitable for large outdoor music festivals, sports events, wedding ceremonies, and various other large venues and events, delivering excellent audio quality and stability anytime, anywhere.



Powerful combination and Flexible connectivity

This system includes a central control unit MU-700, support up to four dual-channel remote repeaters RU-700, connected via standard CAT-5/6/7 network cables, with a maximum range of up to 200 meters. This means you can move freely within a large venue without worrying about signal interruptions. A single transmitter can cover the entire venue, and the remote receivers feature True diversity and automatic selection to effectively avoid signal dropouts, ensuring smooth event operation. Even in large venues, this system guarantees stable signal transmission, making audio transmission more reliable.



Intelligent monitoring and centrally powered for reliability

The MU-700 main control unit can real-time monitor the reception and operation status of the remote receivers RU-700 in real-time. All remote receivers are powered by the central control unit, eliminating the need for additional power sources, simplifying setup and management. This not only reduces wiring complexity but also ensures the system's operational stability. Users can view real-time operating status through the LCD screen, easily managing the device's performance, making it suitable for various large events and performances.



Outdoor compatibility for All-Weather operation

When installed outdoors, the RU-700 remote receivers be equipped with the optional WR-700 waterproof bracket, ensuring the equipment is not affected by weather and protected from tampering or theft. Whether in sunny or rainy conditions, this system operates stably, delivering high-quality audio. The waterproof design ensures that you do not need to worry about equipment failure due to weather conditions during outdoor activities, making it ideal for outdoor concerts, amusement parks, outdoor weddings, and sports events.



Versatile connectivity for flexibility

The DWS-702 comprises MU-700 / RU-700 Wireless Microphone System features balanced audio output (XLR) and unbalanced audio output (6.3mm), allowing you to flexibly connect various mixers or amplification equipment to meet different application needs. The balanced output effectively reduces signal interference, providing clearer sound quality. The unbalanced output is suitable for simple sound systems, allowing for quick connections. Its advanced digital signal processing technology and anti-interference design ensure clear and stable audio transmission in any environment, making it suitable for speeches, training, conferences, and religious activities.



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Technical Specification	
Model	DWS-700 (MU-700 / RU-700)
Chassis	EIA standard 19" (1/2RU)
Frequency range	UHF 500 - 960 MHz (RU-700)
Bandwidth	25 MHz (RU-700)
Channel	Dual (RU-700)
Preset frequencies	100
Frequency response	50 Hz - 18 KHz
Peak deviation	± 40 KHz (RU-700)
Sensitivity	S/N > 80 dBm at 10 dBμV
S/N ratio	> 110 dB(A)
T.H.D.	< 0.5% @ 1 KHz
Receiving antenna	Detachable at rear-end, TNC female. (RU-700)
Oscillation	PLL synthesized, frequency stability ± 0.005% (-10 - +60°C) (RU-700)
Squelch	Pilotone & Noise-cancelling dual-squelch circuit (RU-700)
Audio Output	Balanced XLR and unbalanced Ø6.3mm (MU-700)
Audio Output Adjustment	Gain control circuit for adjustment of output volume (RU-700)
Power supply	24V DC / 2.5A (MU-700)
Dimensions (mm)	200 × 220 × 44
Weight (kg)	MU-700: 0.9 RU-700: 1.29



Compatible



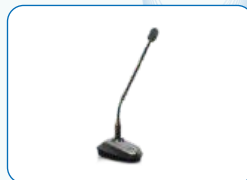
DWS-81

Rechargeable Handheld
Microphone



DWS-82

Rechargeable Bodypack
Microphone



DWS-83

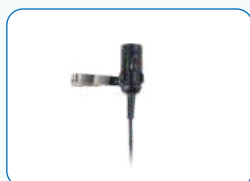
Wireless Gooseneck
Microphone

Accessories



DWS-HC92

Dual-Slot
Charging Station



DWS-MC16+

Uni-Directional
Lavalier Microphone



DWS-MC201

Dual-Sided Uni-Directional
Waterproof Headworn
Microphone



DWS-MC77

Uni-Directional
Headset Microphone



DWS-MC61B

Single-Sided Uni-
Directional Earworm
Microphone



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