

DWX

Perfectly capture the moment with Digital Wireless Audio

Superior digital sound quality and multi-channel operation

Created for use in live events and in broadcast TV studios, the DWX range seamlessly brings UHF wireless microphone technology into the digital domain. DWX is the no-compromise, ultimate quality choice, whatever your gig.



Key features

Produces extreme low noise, highest dynamic and phase stable transmission. Genuine audio quality from compander free signal flow. 20Hz - 22kHz flat frequency response.

Complete digital workflow from A/D converter behind super linear low noise Mic preamp to AES/EBU output on receiver. (Word clock, sample rate converter up to 96kHz and analogue out are also provided).

Provides full 24bit digital signal flow from transmitter input to receiver output with up to 96kHz A/D and D/A conversion.

Determines a highly efficient use of available bandwidth. Up to 22 transmissions in 8MHz (one TV-Channel) simultaneously. Unlimited upscale of sequentially TV-Channels (limited only by available bandwidth).

$\pi/4$ QPSK modulation (quadrature phase shift keying) - A extreme robust digital modulation which used also DTT.

No intermodulation 3-order during use of extreme linear UHF amplifiers and SAW filter.

In combination with our RF remote (CrossRemote) and the excellent analyzing features from Wireless Studio software, the engineer has full control of all parameters in the system, including the antennas, receivers and transmitters.

WiDIF-HP

 Cross Remote



More than 5,500 channels running in Europe*

More than 20,000 channels worldwide*

DWR-R02DN Rack-mount Receiver

DWR-S02DN Slot-In Receiver

DWA-F01D adapter for slot-in receiver

Why choose Sony DWX Series?

Magnesium die casting DWT-B01N Body Pack with >125g (weight including 2 x AA batteries).

Lightweight aluminium handheld transmitter DWM-02N, with a compatible capsule/head mount, offering use of more than 50 different capsules from various manufactures.

OLED display on all receivers and transmitters, which is easily readable under all lighting conditions.

Improved codec modes for more reliable RF transmissions and higher quality sound with a 96kHz sampling rate A/D converter and very low audio latency of 1.5 msec**

The **DWT-P01N PlugOn transmitter** uses standard XLR and has +48V phantom power for ENG use unlike any other digital systems available*.

The **DWR-S02DN** is the only receiver which works with 2 channels in Sony XDCAM and HDCAM camcorder slot (providing a full digital workflow).

The DWX Series offers you a **fully digital audio system** for high quality recording in applications such as Theatre, Opera, Live Events and Broadcast. Providing leading technology alongside innovative cross remote functions.



* at time of publication

** Mode2; Analogue in to analogue out

For full information on the DWX series further details can be found under www.pro.sony.eu/proaudio

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