

DWA-01D

Digital wireless receiver adaptor



Overview

Sony is proud to introduce a digital wireless microphone system that offers high-quality full-digital operation and enhanced system performance - a perfect match for high-quality ENG/EFM applications.

Stable and Secure Transmission

Incorporating the newly developed digital modulator, the digital wireless microphone system allows highly stable wireless transmission that is extremely tolerant to unwanted interference.

Simultaneous Multi-channel Operation.

The digital wireless microphone system allows for large-scale multi-channel operations. Thanks to the newly developed digital modulator, the system realises an intermodulation-free, equally spaced channel allocation. The digital wireless transmission technology used in this system enables a significant increase in the number of simultaneous operations in comparison with current analogue wireless systems. For example, up to 16 channels of simultaneous operation is possible in an 8-MHz operating band.

Features

Multiple mounting options.

The DWA-01D can be used to mount DWR-S01D receiver on HDCAM/XDCAM/Digital Betacam/MPEG IMX camcorders.

Portable receiver solution.

The DWA-01D can also be used for housing the DWR-S01D when a portable solution is required. Particularly when used on location with digital audio mixers such as Sony DMX-P01.

Two-channel AES3 digital or analogue audio output

The DWA-01D is able to provide the user with either a 2 Ch AES or analogue outputs.

Headphone output for monitoring

A headphone output is provided via a 3.5mm mini-jack. This provides for quick and easy audio monitoring.

External dc power.

External power can be easily connected via the power connector on the DWA-01D and the supplied 4-pin power cable.

Specifications

Audio Section

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|---------------|-----------------------------------------------------------|
| Analog Output | SMC9-4S (female) (x2) Output Impedance : 150 Ω or less |
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| | |
|----------------|-----------------------------------------------------------------------------------------------------------------|
| Digital Output | SMC9-4S (female) Reference output level : -36 dBFS/-20 dBFS (switchable) Output Impedance : 110 Ω or less |
|----------------|-----------------------------------------------------------------------------------------------------------------|

Other Equipment

| | |
|------------------|-------------------------------------------------|
| Headphone Output | Output level : 50mW (16 Ω load, at T.H.D = 1 %) |
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o3.5 mm(5/32 inch) stereo mini jack

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|-----------|--------------------------------------------------------------------------------------------|
| Word Sync | Input Impedance : 75 Ω Input connector : BNC-R External Word Sync : 32 kHz to 96 kHz |
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General

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|--------------------|--------------------------------------------------------|
| Power Requirements | 4-pin DC input 10 V DC to 17 V DC (12 V DC nominal) |
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|-----------------------|------------------------------|
| Operating Temperature | 32°F to 122°F 0°C to 50°C |
|-----------------------|------------------------------|

| | |
|-------------------------------|----------------------------------|
| Storage/Transport Temperature | -4°F to +140°F -20°C to +60°C |
|-------------------------------|----------------------------------|

| | |
|-----------------|-------------------------------------------------------------------|
| Dimensions *[1] | 88 x 144 x 31.5 mm 3 1/2 x 5 3/4 x 1 1/4 inches (W x H x D) |
|-----------------|-------------------------------------------------------------------|

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|------|----------------------------------------------------------------------------|
| Mass | Approx. 330 g (excluding receiver) Approx. 11.6 oz (excluding receiver) |
|------|----------------------------------------------------------------------------|

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|----------------------|---------------------------------------------------------------------------------------------|
| Supplied Accessories | Warranty booklet (1) Operating Instructions (1) Mount plate (1) DC power cable (1) |
|----------------------|---------------------------------------------------------------------------------------------|

Audio cable (2)

Notes

Note

*[1] The values for dimensions are approximate.

Related products



DWA-F01D

Digital wireless adaptor for DWX system



DWR-S03D

DWX Gen3 2-channel digital wireless slot-in receiver

Gallery

