

## 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

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

### Other Equipment

|                  |   |
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| 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<br>Input connector : BNC-R<br>External Word Sync : 32 kHz to 96 kHz |
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## General

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| Power Requirements | 4-pin DC input<br>10 V DC to 17 V DC (12 V DC nominal) |
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|-----------------------|------------------------------|
| Operating Temperature | 32°F to 122°F<br>0°C to 50°C |
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| Storage/Transport Temperature | -4°F to +140°F<br>-20°C to +60°C |
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|-----------------|---|
| Dimensions *[1] | 88 x 144 x 31.5 mm<br>3 1/2 x 5 3/4 x 1 1/4 inches<br>(W x H x D) |
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|------|--|
| Mass | Approx. 330 g (excluding receiver)<br>Approx. 11.6 oz (excluding receiver) |
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| Supplied Accessories | Warranty booklet (1)<br>Operating Instructions (1)<br>Mount plate (1)<br>DC power cable (1) |
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## Audio cable (2)

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### Notes

Note

\*[1] The values for dimensions are approximate.

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## Related products



### **DWA-F01D**

Digital wireless adaptor for DWX system



### **DWR-S03D**

DWX Gen3 2-channel digital wireless slot-in receiver

## Gallery

