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Cover photography by: Christiaan Dirksen, Malmö Live Concert Hall
Power to your performance

Experience superb performance, long-lasting reliability and seamless system integration with Sony superior digital and analogue professional audio

With over 60 years' experience of continually redefining the creative and technical possibilities for live and recorded sound, our professional audio solutions range from leading-edge digital and analogue wireless systems to shotgun microphones, headphones and more. In fact, everything you need to create, share and enjoy perfect sound.
DWX Series
The digital wireless system for the digital moment

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.
**Wireless Studio**

**PC software**
- Complete software package for full control of all receivers and wireless transmitters
- Store and recall a whole system setup
- Store a Device Library for quick setup
- Simple Status viewer for a quick overview
- Automatic setup function
- Bundled application for PC
- Device monitoring and control
- Status recorder to check or review RF strength
- Error logging function
- Pairing-assist function
- Spectrum Analyzer
- Muting control function
- Mobile app also available on iOS or Android to monitor or operate DWX series via a Wi-Fi router

**DWR-R02DN/W**

2 channel rack-mount digital wireless receiver
- **Three codec modes designed for a wide variety of applications**
  - Mode 1: For compatibility with DWX series applications
  - Mode 2: High quality sound with a 96kHz sampling rate and Low audio latency of 1.5 msec*
  - Mode 3: Operation optimised for reliable transmission by preventing drop out by interference with additional error correction
- Superb quality 24bit/96kHz sampling digital audio
- Simultaneous multi-channel operation

**WiDIF-HP**

- Remote control of transmitter functions from the receiver
- Full control over Cross Remote™ via Wireless Studio software
- 1U-size rack-mountable design
- Supports a variety of output functions with four AES3/EBU outputs up to 24-bit/96 kHz plus World Sync input/output
- Flexible AC/DC power options
- Operation with a bandwidth from 470 MHz to 710 MHz (depending on region) (US: 470-698 MHz)

*In mode 2, Analog out: 2.5 msec for digital out.*
DWR-S02DN

2 channel slot-in portable digital wireless receiver

- Three codec modes designed for a wide variety of applications
  - Mode 1: For compatibility with DWX series applications
  - Mode 2: High quality sound with a 96kHz sampling rate and Low audio latency of 1.5 msec*
  - Mode 3: Operation optimised for reliable transmission by preventing drop out by interference with additional error correction
- Superb audio quality by AES3 out and 24Bit/48kHz D/A conversion
- Various viewfinder functions with Sony XDCAM camcorders
- Full digital workflow
- Wide Bandwidth up to 72MHz (depending on region)
- Active/Free channel scan

*In mode 2, Analog out. 2.5 msec for digital out.

DWA-01D
Wireless adapter

- Stand-alone wireless receiver operation
- Wide array of interfaces including two-channel AES3 digital or analogue output
- Unique lock-together mechanism to allow two DWA-01D adaptors to be easily combined
- Supports V-mount attachment
- Hirose 4-pin DC powering

DWA-F01D
Wireless adapter

- Stand-alone wireless receiver operation
- Top-panel operation for mixer bag
- Three-way powering (Hirose 4-pin DC powering, DC In and NP-Batteries)
- Three-parallel audio output, including XLR analogue output, BNC AES/EBU digital output and mini-phone analogue output

AN-01
UHF antenna

- Log-periodic antenna
- Uni-directional
- Built-in booster
- 470-864MHz

AN-57
UHF ground plane antenna

- Ground plane antenna
- Horizontal omni-direction
- 470-864MHz

RMU-01
Remote control unit

- Extension of Cross Remote function
- Control of up to 82ch transmitter
- Two-way powering
- 2405 MHz to 2480 MHz
DWT-P01N
Plug-on digital wireless transmitter

- Superb audio quality by using 24bit/96KHz high class AD – convertor
- Simultaneous multi-channel operation
- Lightweight and rugged design
- Switchable mic or line input level and adjustable attenuator
- OLED display
- RF remote for all functions by Wireless Studio remote software
- Up to 72MHz bandwidth
- +48 V Power supply
- OLED display
- RF remote for all functions by Wireless Studio remote software
- Up to 72MHz bandwidth
- Three codec modes designed for wide variety of applications
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time

DWT-B01N
Bodypack digital wireless transmitter

- Superb audio quality by using 24bit/96KHz high class AD - convertor
- Simultaneous multi-channel operation
- Lightweight and rugged design (Magnesium die casting)
- Switchable mic or line input level and adjustable attenuator
- OLED display
- RF remote for all functions by Wireless Studio remote software
- Up to 72MHz bandwidth
- Selectable RF output power (1/10/50 mW)
- Digital low-cut filter
- Three codec modes designed for wide variety of applications
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time
DWM-02N
Handheld digital wireless microphone

- Superb audio quality by using 24bit/96KHz high class AD - convertor
- Simultaneous multi-channel operation
- Three interchangeable heads and third party support
- 1.25”/28 thread pitch (31.3 mm/pitch 1.0 mm threading) interchangeable mechanism for quick change (Over 50 capsules from various manufacturers will work on the DWM-02)
- OLED display
- RF remote for all functions by Wireless Studio remote software
- Remote control of transmitter functions from the receiver
- Selectable RF output power (1/10/50 mW)
- Digital low-cut filter
- Up to 72MHz bandwidth
- Three codec modes designed for wide variety of applications
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time

CU-C31 Capsule unit
- Condenser type
- Cardioid
- 60Hz - 20kHz

CU-F32 Capsule unit
- Dynamic type
- Wide cardioid
- 70Hz - 18kHz

CU-F31 Capsule unit
- Dynamic type
- Super cardioid
- 60Hz - 18kHz

DWA-CU01NM Microphone adapter
- Microphone adapter for Sennheiser 5000 series

*capsules sold separately.*
UWP
Ultimate sound with digital audio processing

Innovation in Sound
Introducing the new UWP-D Series wireless microphone system, which realises high-quality sound and stable wireless transmission utilising true diversity reception system.
URX-P03D
2-channel portable receiver
• Sony Digital Audio Processing
• External microphone input for additional wired microphone
• 3-channel mixing function included
• Easy-to-use Automatic Channel Setting mode
• True Diversity Reception System* for stable reception
• Compatibility with UWP Series / WL-800 Series
• Headphone output for monitoring
• Extremely compact, lightweight, and robust metal body
• USB for power supply or charging batteries
• Output level control
• Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time

* True Diversity for 1-channel use / Dynamic Switching Diversity for 2-channel use

URX-P03
Single channel portable receiver
• Sony Digital Audio Processing
• Easy-to-use Automatic Channel Setting mode
• True Diversity Reception System for stable reception
• Compatibility with UWP Series / WL-800 Series
• Headphone output for monitoring
• Extremely compact, lightweight, and robust metal body
• USB for power supply or charging batteries
• Output level control
• Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time
URX-S03D
2-channel slot-in portable wireless receiver
• Sony Digital Audio Processing
• High quality audio amplifier adopted
• Great usability with Sony XDCAM and HDCAM camcorders
• Direct digital connection to XDCAM, DWA-01D or DWA-F01D
• Easy-to-use Automatic Channel Setting mode
• True Diversity Reception System for stable reception
• Compatibility with UWP Series / WL-800 Series
• Robust metal body
• Weatherproof structure
• Selectable squelch

DWA-01D
Wireless adapter
• Stand-alone wireless receiver operation
• Wide array of interfaces including two-channel AES3 digital or analogue output
• Unique lock-together mechanism to allow two DWA-01D adaptors to be easily combined
• Supports V-mount attachment
• Hirose 4-pin DC powering

DWA-F01D
Wireless adapter
• Stand-alone wireless receiver operation
• Top-panel operation for mixer bag
• Three-way powering (Hirose 4-pin DC powering, DC In and NP-Batteries)
• Three-parallel audio output, including XLR analogue output, BNC AES/EBU digital output and mini-phone analogue output
UTX-B03
Body-Pack transmitter

- Sony Digital Audio Processing
- Compatibility with UWP Series / WL-800 Series
- Extremely compact, lightweight, and robust metal body
- USB for power supply or charging batteries
- Switchable MIC/LINE input level and adjustable attenuator (0 dB to 21 dB, 3-dB steps)
- Supplied with omni-directional lavalier microphone
- UTX-B03HR also available with SMC9-45 microphone input connector (for hi-rose lavalier microphones)
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time

UTX-P03
Plug-on transmitter

- Sony Digital Audio Processing
- Extremely compact, lightweight, and robust aluminum die casting body
- Converts a wired microphone to a wireless microphone via an XLR-type connector
- Compatibility with UWP Series / WL-800 Series
- USB for power supply or charging batteries
- Extremely compact, lightweight, and robust metal body
- +48 V power supply
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time
UTX-M03
Handheld wireless microphone

- Sony Digital Audio Processing
- Extremely compact, lightweight, and robust aluminum die casting body
- Incorporates an all-metal, robust, uni-directional dynamic microphone capsule with minimized popping and wind noise
- 1.25”/28 thread pitch (31.3 mm/pitch 1.0 mm threading) interchangeable mechanism for quick change.
- Compatibility with UWP Series / WL-800 Series
- USB for charging batteries
- Interchangeable microphone capsule
- Powered by 2x AA/LR6 batteries or rechargeable batteries with up to 9 hours running time

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| **UWP-D12**             |             |
| UTX-M03 Handheld Wireless Microphone | CE21: 470.025 MHz to 542.000 MHz |
| UTX-P03 Portable Receiver | CE23: 566.025 MHz to 633.000 MHz |
| UTX-P03 Portable Receiver | CE42: 638.025 MHz to 694.000 MHz |

| **UWP-D16**             |             |
| UTX-P03 Plug-on Transmitter | CE21: 470.025 MHz to 542.000 MHz |
| UTX-B03 Belt-pack Transmitter | CE23: 566.025 MHz to 633.000 MHz |
| UTX-B03 Belt-pack Transmitter | CE42: 638.025 MHz to 694.000 MHz |
Delivering excellent sound and noise handling performance

**ECM Series**

Comprehensive choice of high sensitivity shotgun Electret condenser-type microphones

Building on decades of experience in audio acquisition, Sony offers a comprehensive choice of wired shotgun microphones that offers musicians, broadcasters and producers of audio-visual presentations uncompromised audio, as well as utterly dependable performance.
ECM-678
Shotgun Electret condenser microphone

- Superb sensitivity of -28dB (0dB=1 V/Pa.) and an extremely low inherent noise of less than 16dB SPL
- Flat-and-wide frequency response (40Hz to 20kHz)
- Compact design
- High-durability and reliability
- Built-in low-cut filter
- External DC (40 V to 52 V) operation

ECM-674
Shotgun Electret condenser microphone

- Excellent sensitivity of -36dB (0dB=1 V/Pa.) and low inherent noise level of less than 17dB SPL
- Flat-and-wide frequency response (40Hz to 20kHz)
- Compact and lightweight design
- Two-way powering (+48V Power supply and 1,5V AA battery)
- Built-in low-cut filter
- Built-in battery liquid leakage protection circuit
- External DC (40 V to 52 V) operation

ECM-680S
MS stereo shotgun Electret condenser microphone

- Superb sensitivity of -28dB*2 (stereo)/ -32dB*2 (monaural) and extremely low inherent noise of less than 20dB SPL (stereo/monaural)
- Flat-and-wide frequency response: 50Hz to 20kHz (stereo), 40Hz to 20kHz (monaural)
- Built-in low-cut filter
- Compact and lightweight design
- External DC (40 V to 52 V) operation
ECM-673
Shotgun Electret condenser microphone
• Excellent sensitivity of -36 dB (0 dB=1 V/Pa.) and a low inherent noise level of less than 17 dB SPL
• Flat-and-wide frequency response (40 Hz to 20 kHz)
• Compact and lightweight design
• High-durability and reliability
• Built-in low-cut filter
• External DC (40 V to 52 V) operation

ECM-VG1
Shotgun Electret condenser microphone
• Excellent sensitivity of -33 dB (0 dB=1 V/Pa), and a low inherent noise level of less than 18 dB SPL
• Flat-and-wide frequency response (40 Hz to 20 kHz), excellent sensitivity of -33 dB (0 dB=1 V/Pa), and a low inherent noise level of less than 18 dB SPL
• Compact and extremely lightweight design with metal body
• Built-in low-cut filter
• External DC (40 V to 52 V) operation

ECM-MS2
Compact MS stereo back Electret condenser shotgun microphone
• Compact 137mm length and lightweight design ideal for use with handheld camcorders
• Stereo and mono operation
• Professional quality sound reproduction
• Metal body reduces external noise
• External DC (40 to 52 V) operation
LAVALIER MICROPHONES

ECM-88 series
Lavalier microphones

- Ultra-miniature, omni-directional electret condenser microphone
- Designed for quality-critical applications in broadcasting, theater, and field productions
- Choice of model variations to suit specific user requirements
- Flat-and-wide frequency response provides natural sound reproduction
- Water-resistant design maintains sound clarity in almost any application or environment
- Dual-diaphragm mechanism contributes to high sensitivity, wide dynamic range, and low noise
- Low cable-noise characteristics
- Miniature design makes it easy to conceal in a stage costume
- DC 1.1 V to 10.0 V

ECM-77 series
Lavalier microphones

- Miniature, omni-directional electret condenser microphone
- Worldwide-acclaim for performance and reliability in studio, ENG, and EFP applications
- Choice of model variations to suit specific user requirements
- Wide frequency response, high sensitivity, and low-noise characteristics
- Miniature design makes it easy to conceal in a costume
- Ideal for use with DWX-Series and UWP-D Series
- DC 1.1 V to 10.0 V

ECM-44 series
Lavalier microphones

- Uni-directional, electret condenser microphone
- Resistant to howling by rejecting indirect sound
- Ideal for institutional use and sound-contracting applications such as speeches, lectures, and conferences
- Designed for a wide range of applications from voice to instrumental recording
- Wide dynamic range (101 dB), and high maximum input-sound-pressure level (130 dB SPL)
- Low inherent-noise characteristics
- DC 1.1 V to 10.0 V

Not compatible with digital radio mic transmission
**ECM-FT5**

Lavalier microphones

- Flat-shape and ultra-miniature, omni-directional electret condenser microphone
- Water-resistant design maintains sound clarity in almost any application or environment
- Easily concealed under clothing, for studio and EFP applications
- Wide frequency response, high sensitivity, and low-noise characteristics
- Choice of model variations to suit specific user requirements.
- Ideal for use with DWX-Series and UWP-D Series
- DC 1.1 V to 10.0 V

**ECM-V1BMP**

Lavalier microphones

- The lavalier microphone supplied with the UWP package is available as an individual microphone
- Omni-directional, electret condenser microphone
- Reasonably priced lavalier microphone, ideal for ENG and EFP uses
- DC 1.1 V to 10.0 V

**ECM-X7BMP**

Lavalier microphones

- The lavalier microphone supplied with the UWP package is available as an individual microphone
- Uni-directional, electret condenser microphone
- Resistant to howling by rejecting indirect sound
- Reasonably priced lavalier microphone, ideal for institutional use and sound-contracting applications such as speeches, lectures, and conferences
- DC 1.1 V to 10.0 V
For full product specifications and features please visit www.pro.sony.eu/proaudio
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