

UR-2

STEREO RACK MEMORY RECORDER



ACTIVELY USED IN A WIDE VARIETY OF APPLICATIONS



Live Concerts and Lectures

The UR-2 offers digital audio recording resolution up to 24bit/96kHz. This satisfies demands in such critical musical environments necessary in classical music concert and piano recitals. When the bit rate and sampling frequency are set at 16bit/44.1kHz, The UR-2 can record over 3 hours with a 2GB SD card. This can accommodate the recording of long lectures without interruption. The UR-2 offers 99 Cue points per file, which are used to locate an important scene transitions and critical song location points. The recording format is BWF (WAV) on both the SD card and the USB storage device. The files are easily transferred to a PC. In addition, these files can be also used in today's portable music players.



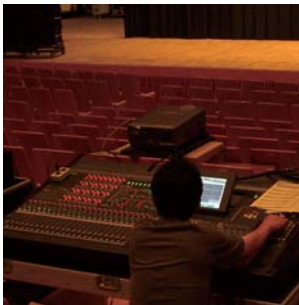
Shopping mall and public space

The UR-2 can be used for playback of announcements in public applications such as shopping malls or airports. The Power-ON Play feature will automatically start audio playback upon powering up the unit. The Timer Play function will manage the auto start program based on its internal 24-hour clock. The microphone input located on the front panel can be mixed with the playback sound from the SD card or USB storage device. The user can adjust the mix balance. The playback sound level can also be totally muted if desired. This functionality is useful to add an announcement over the programmed background music.



Broadcast industry

With utilizing the BWF (WAV) format, the UR-2 can playback sound data created by a DAW. UR-2 recorded files can be easily imported to a DAW for editing purposes as well. File transfers with a PC are accomplished by mounting the SD card/ USB storage device or by the high-speed transfer via the USB 2.0 port provided on the UR-2. The memory play mode offers instant start of the audio so that there is no delay upon pressing the button. The UR-2 can take a fader start command from the mixing console to aid the operators' task and helps avoid missed cues. This is highly desirable in any broadcast environment. A USB keyboard or Ten-key keyboard can be used as a remote controller and file titling.



On stage

The UR-2 will conform to stage sound playback for musical and live stage performances. The "Chain Play" mode manages the file list and the order of file playback. Start and end times can be specified by user added Cue points. The UR-2 can also program files to pause at the beginning of next file waiting to be played back.

Fostex UR-2 Key Features

- Records stereo/mono BWF(WAV) to SD card / USB media
- Planned MP3 Rec/Playback via software update
- 44.1/48/88.2/96kHz - 16/24bit
- 99 Cue points. Locate & scrub functions with waveform display.
- Chain, Memory & Power-On play modes
- Front panel mic input for record or voicover (mixed with playback)

Fostex®

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Fostex UR-2 Specifications

Recording/Playback

Recording media SD card (2 slots, SDHC, 128MB~32GB)
USB port for USB storage device (USB 2.0, Hi-speed)
Sampling frequency: 44.1/48/88.2/96kHz (24bit), 44.1/48kHz (16bit)
Record format: BWF (WAV), MP3 *with future software update
ADC/DAC: 24bit Delta-Sigma modulation
Recording time: Approx. 94minutes (1GB SD card/16bit/44.1kHz/stereo)
Recording track: Stereo or Mono
Frequency response: 20Hz~20kHz \pm 2dB (44.1/48kHz)
20Hz~40kHz \pm 3dB (88.2/96kHz)
S/N (between ADC and DAC, 24bit, 48kHz):
Line 103dB or more (typical)
Mic (with Max gain) 85dB or more (typical)
Dynamic range: 103dB or more (typical)
T.H.D: Line 0.006% or less (1kHz, -1dBFS)
Mic (with Max gain) 0.01% or less (1kHz, -1dBFS)
Reference level: -12dBFS/-20dBFS (switchable)

Input and Output

0dBu = 0.775Vrms, 0dBV = 1.0Vrms

Analog input (INPUT L, R)

Connectors: XLR 3-31, balanced (pin #2 hot), RCA pin jack, un-balanced
Nominal input level: +4dBu (XLR/ balanced), -10dBV (RCA/ un-balanced)
Maximum input level: +24dBu (-20dBFS, XLR/ balanced), +10dBV (-20dBFS, RCA/ un-balanced)
Input impedance: more than 10k Ω

Microphone input (MIC IN)

Connector: XLR3-31, balanced (pin #2 hot))
Nominal input level: -56 ~ -12dBu
Maximum input level: +7dBu (with Max gain)
Input impedance: more than 1.5k Ω
Phantom Power: P48V

Analog output (OUTPUT L, R)

Connectors: XLR 3-32, balanced (pin #2 hot), RCA pin jack, un-balanced
Nominal output level: +4dBu (XLR/ balanced), -10dBV (RCA/ un-balanced)
Maximum output level: +24dBu (-20dBFS, XLR/ balanced), +10dBV (-20dBFS, RCA/ un-balanced)
Load impedance: more than 10k Ω

Digital input

Connector: XLR 3-31 (pin #2 hot)
Format: IEC60958 (AES/EBU) or IEC60958 (S/P DIF) *Auto select

Digital output

Connector: XLR 3-32 (pin #2 hot)
Format: IEC60958 (AES/EBU) or IEC60958 (S/P DIF)

Headphones output

Connector: f6.3mm stereo phone jack
Maximum output: 100mW (with 32 Ω load)

Remote

Connector: D-sub 9pin (RS-232C), D-sub 25pin (Parallel)

Foot SW

Connector: f6.3mm phone jack

USB port

Connectors: A type (Host, Keyboard), B type (for PC, USB 2.0 Hi-speed)
SD card Slots: Standard SD card slot x 2

General

Dimensions: 482 (W) x 52 (H) x 197 (D) mm
Weight: Approx. 2.3kg (except AC adaptor)
Power requirement: DC12~24V, Standard AC adaptor included
Connector: XLR 4-32
Power consumption: Approx. 5W

Recording Times *Approximate times in minutes

Fs	24bit				16bit	
	44.1	48	88.2	96	44.1	48
1GB	62	57	31	28	94	86
2GB	125	115	62	57	188	173
4GB	251	231	125	115	377	347
8GB	503	462	251	231	755	694

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