The Otari DR-10N is a 2-channel digital audio recorder that uses 3.5” MO disks or hard disks as recording media. The DR-10N contains a dedicated control board for stable basic functions of record/playback and a (micro) ATX motherboard for various features such as GUI (graphical user interface), networking, etc. in a 3U size rack mount case.

Main Features:
- Quantization: 16/24 bits linear PCM
- Sample Rate: 96, 88.2, 48, 44.1, & 32 kHz
- Record File Format: WAV, BWF (incl. BWF-J)
- Record Media: 1.3 GB 3.5” MO disk (2.6 GB 5.2” MO disk = option) or hard disk drive
- Audio Inputs/Outputs: Analog line in x 2 channels, analog line output x 4 channels (2 stereo pairs), AES/EBU digital in x 1, AES/EBU digital output x 2 (alternate with timecode output)
- Number of Record Tracks: 2. With input level detection record start function.
- Number of Playback/Edit Tracks: 4 (mixed output of tracks 1 and 3 and mixed output of tracks 2 and 4 or 2 stereo outputs). With reverse playback and variable speed playback (±12.5%)
- SMPTE timecode input/output (no timecode output when two AES/EBU digital audio outputs are used)
- VITC timecode input and through output
- VIDEO sync input (alternate with W ORD sync input or extracted from VITC input)
- W ORD sync input/output or VIDEO sync input
- External parallel control
- Serial control for edit remote controller
- External serial control (Sony protocol) (shared with additional instant playback remote controller interface)
- File transfer via network
Otari DR-10N 2-Channel Disk Recorder

Basic Functions:
- Recording (mono & stereo) of signals from 2-channel analog audio input or AES/EBU digital audio input as WAVE files (WAV, AVI, BW, BWV-F-3) on a 3.5” or 5.25” MO disk or hard disk.
- Playback of WAVE files on the disk. Playback signals are in two stereo pairs for both analog and AES/EBU digital.
- Line output on/off (two independent systems)
- Tape-machine-like transport control: REC, PLAY, STOP, FF, R/W D, &REW IN/OUT buttons.
- Timecode (LTC/VTClc) read and chase functions.
- Synchronization to VIDEO, WO RD or AES/EBU digital audio input signal.
- 2-channel bargraph level meter (L/R level display when two stereo pairs are used).
- Timecode display (HH:MM:SS:FF) or record elapsed time display (HH:MM:SS.ms).
- Menu driven setup.

Edit Functions: Available from the optional edit remote controller (cut, copy, paste, insert, slip, etc.). Edits are applied to two stereo pairs (virtual 4 tracks). (L/R slipping is possible on one pair only.)
- Fade-in, fade-out, cross fade
- Edit point marking for auto in/out, auto stop, etc.
- Locator functions
- Jog/ Shuttle playback (1/32 x to 2x normal play speed)
- Undo/ Redo
- Time compression/ expansion
- Pitch shift
- Easy editing with GUI (graphical user interface)
- Waveform display with zoom (jog wheel move ratio is linked with zoom magnitude)

Network Function: Searching and downloading/uploading of WAVE files on the server. Uploading of WAVE files at the server.

Other Features (Option): Writing and editing of various additional data for data base use (Contact Otari for details).

Rating:
- Quantization: 24 or 16 bits
- Sample Rate: 96, 88.2, 48, 44.1, or 32 kHz
- Analog Audio Input: 2 channels. 3-pin XLR type, female connector. Input impedance: 10 kΩ/600 Ω. Bal. Reference level: +4 dBu (20/18 dBFS)
- Digital Audio Input: AES/EBU format x 1 (one stereo pair). 3-pin XLR type, female connector. Impedance: 110 Ω. Bal. to 75 Ω unbal. requires an adapter.
- Analog Audio Output: 2 channels x 2 channels (independent two stereo pairs). 3-pin XLR type, male connector. Output impedance: 50/600 Ω. Bal. Reference level: +4 dBu (20/18 dBFS)
- Digital Audio Output: AES/EBU format x 2 (two stereo pairs). 3-pin XLR type, male connector. Impedance: 110 Ω. Bal. to 75 Ω unbal. requires an adapter.
- Headphone Output: min. 8 Ω Load impedance, 20 mW (8-Ω load). 6.3mm stereo phone jack.
- Timecode Input: LTC = 10 kΩ Bal. 3-pin XLR type, female. VITC Video = 75 Ω Unbal. BNC with term. on/off switch.
- Timecode Output: LTC (not available when two AES/EBU digital outputs are used) = 3-pin XLR type, male. 110 Ω Bal. VITC Video (fthd = BNC)
- Sync Signal: B.B. Video input (BNC 75 Ω unbal.) or Word Sync input (BNC 75 Ω unbal.), AES/EBU digital output.
- Sync Signal Output: Selection between Video/Word Thru out and Word Sync out BNC

Parallel Remote Control Interface: 37-pin D-sub type, female (Otari standard parallel control protocol)

Serial Remote Control Interface: 15-pin D-sub type, female (Otari standard serial control protocol compatible)


LAN Interface: Ethernet 100BaseT. R4S j modular jack

Record Media: 3.5” 1.3 GB (or 5.2” 2.6 GB optional) MO disk or hard disk

AC Power Requirements: 100-220 V, 50/60 Hz
Power Consumption: 110 VA (DR-10N), 120 VA (DR-10NC)

Specifications are subject to change without notice or obligation.

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