

USB

SD

RS232

DN-F450R Solid State Recorder



The DN-F450R offers a simplified, cost competitive solid state recording and playback capability. Derived from the DN-F650R, the half rack size unit provides for recording and playback to and from SD and SDHC flash memory cards, with USB connectivity to PC for file management and transfer. Balanced analogue inputs on XLR are featured alongside unbalanced I/O.

Stereo and mono audio channels are simultaneously available, and PCM WAV and MP3 file formats are supported, with the same sample rate and bit rate selectivity as the DN-F650R. Serial and contact closure remote control are supported, and a headphone out with volume control is included. Selectable playback modes, power on auto play, marking and mark search, audible quick search, and easy file search with the front panel jog wheel are all featured.



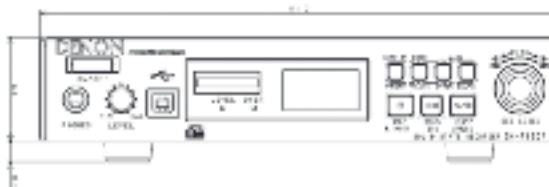
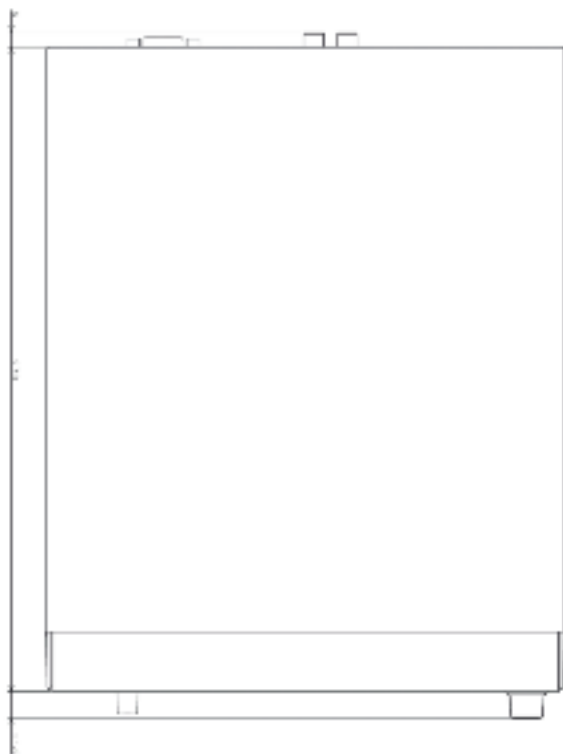
Rear panel

Features

- Recording to a SD/SDHC card
- Supports WAV (PCM) and MP3 format
- Half of 19 inch rack mountable, 1U size
- OLED display
- Balanced and unbalanced audio input
- Serial Remote (RS232)
- Contact closure remote control (Foot Pedal Remote)
- Connecting to PC via USB
- Marking and Mark search
- Audible Quick Search - Various playback modes (Single/Continuous, Repeat, Random)
- Power On Auto Play
- Easy file search with Jog Wheel
- Headphones with Level Control

DN-F450R Specifications

SYSTEM		OUTPUTS	
Media	SD / SDHC	Unbalanced Output:	
File Format	WAV / MP3 (MPEG-1 Layer III)	Type	RCA
Media Format	FAT / FAT32	Level	2 Vrms
MP3 Bit Rate	64-320 kbps /stereo, 32-160 kbps /mono	Headphone Output:	
Sampling Frequency	48 / 44.1 kHz	Type	TRS 1/4"
Quantization	16 bit	Level	20 mW / 32 ohms
AUDIO SECTION		GENERAL	
Audio Channels	2 (Stereo) / 1 (Mono)	Power Supply	DC 5V (DA620PMD)
Frequency Response	20 Hz to 20 kHz \pm 1.0 dB	Power Consumption	5 W
S/N Ratio	90 dB (1 kHz, 0 dB playback, A filter)	Dimensions	(W x H x D): 217 x 44 x 270 mm
Channel Separation	80 dB (1 kHz, 0 dB playback)	Weight	1.7 kg
Total Harmonic Distortion	0.01% (1 kHz, 0 dB playback)	ENVIRONMENTAL CONDITIONS	
Dynamic Range	96 dB	Operating temperature	+5°C to +35°C
INPUTS		Operating humidity	25% to 85%, no condensation
Balanced Input:		Storage temperatur	-20°C to +60°C
Type	XLR (1:GND, 2:Hot, 3:Cold)	Storage humidity	25% to 85%, no condensation
Input Sensitivity	+24 / 0 dBu		
Input Impedance	24 kohms		
Unbalanced Input:			
Type	RCA		
Input Sensitivity	500 mVrms		
Input Impedance	22 kohms		



Note

- For improvement purposes, specifications and design are subject to change without notice.