

Spec description

Supported media	
SD	Supports 4GB to 256GB SDXC cards (Media ejection method: push-push)
CF	Supports 1GB to 64GB Type I CF cards
USB (Playback and copying only)	Supports 2GB to 64GB USB flash drives
Recording and playback formats	
PCM	BWF (rec/play) / WAV (playback only), 44.1k / 48k / 88.2k / 96k / 176.4k / 192k Hz, 16 / 24-bit
DSD	DSDIFF / DSF, 2.8224M / 5.6448M Hz
Number of channels	2 mono (or 1 stereo)
ANALOG INPUTS	
UNBALANCED	
Connector	RCA pin jacks
Standard input level	-10dBV
Maximum input level	+6dBV
Minimum input level	-22dBV
Input impedance	22k Ω or greater
BALANCED	
Connector	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Standard input level	+4dBu +6dBu (only when maximum input level is +15dBu)
Maximum input level	+15dBu, +18dBu, +20dBu, +22dBu, +24dBu (switchable in menu)
Minimum input level	-8dBu -6dBu (only when maximum input level is +15dBu)
Input impedance	10k Ω or greater
ANALOG OUTPUTS	
UNBALANCED	
Connector	RCA pin jacks
Standard output level	-10dBV
Maximum output level	+6dBV

Output impedance	200Ω or less
BALANCED	
Connector	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Standard output level	+4dBu +6dBu (only when maximum input level is +15dBu)
Maximum output level	+15dBu, +18dBu, +20dBu, +22dBu, +24dBu (switchable in menu)
Output impedance	100Ω or less
DIGITAL INPUT	
S/PDIF, CASCADE	UNBALANCED
Connector	RCA pin jacks
Format	IEC60958-3 (S/PDIF)
Input impedance	75Ω
Input frequency	
when SRC OFF	44.1k / 48k / 88.2k / 96k / 176.4k / 192k Hz
when SRC ON	32k to 216k Hz
Allowable frequency deviation	±100ppm (when SRC OFF)
AES/EBU	BALANCED
Connector	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Format	AES3-2003/IEC60958-4 (AES/EBU)
Input impedance	110Ω
Input frequency	
when SRC OFF	44.1k / 48k / 88.2k / 96k / 176.4k / 192k Hz
when SRC ON	32k to 216k Hz
Allowable frequency deviation	±100ppm (when SRC OFF)
SDIF-3	UNBALANCED
Connector	BNC Connector × 2 (L/R)
Format	SONY SDIF-3 / DSD-raw
Input impedance	75Ω ±20%
Clock synchronization frequency	44.1kHz
DIGITAL OUT	
S/PDIF, CASCADE	UNBALANCED
Connector	RCA pin jacks

Format	IEC60958-3 (S/PDIF)
Output impedance	75 Ω
AES/EBU	BALANCED
Connector	XLR-3-31 (1: GND, 2: HOT, 3: COLD)
Format	AES3-2003/IEC60958-4 (AES/EBU)
Output impedance	110 Ω
SDIF-3	UNBALANCED
Connector	BNC Connector × 2 (L/R)
Format	SONY SDIF-3 / DSD-raw
Output impedance	10 Ω ±20%
Clock synchronization frequency	44.1kHz
WORD SYNC IN	
Connector	BNC Connector
Input level	5V TTL equivalent
Input impedance	75 Ω ±10%
Input frequency	44.1k / 48k / 88.2k / 96k / 176.4k / 192k Hz
Allowable frequency deviation	±100ppm
WORD SYNC THRU/OUT	
Connector	BNC Connector
Output level	5V TTL equivalent
Output impedance	75 Ω ±10%
Output frequency	44.1k / 48k / 88.2k / 96k / 176.4k / 192k Hz
Frequency stability	±1ppm or less (Ta=25°C)
USB	
DEVICE	
Connector	USB A-type 4-pin
Protocol	USB2.0 HIGH SPEED (480Mbps)
Power rating	DC 5.0V 0.5A
KEYBOARD	
Connector	USB A-type 4-pin
Protocol	USB1.1 FULL SPEED (12Mbps)

Power rating	DC 5.0V 0.2A
Control input and output	
Infrared receiver	TASCAM RC-10 wireless remote controller
PHONES	
Connector	1/4" (6.3mm) stereo jack
Maximum output	45mW + 45mW (into 32Ω load, 0.1% distortion)
Power	AC120V, 60Hz
Power consumption	24W
Dimensions (W × H × D)	19.0" × 1.8" × 12.0" / 483 × 45 × 305 mm
weight	9.3 lbs. / 4.2 kg
Operating temperature range	32°F to 104°F / 0°C to 40°C
Standard accessories	3P power cord, Wireless remote controller (TASCAM RC-10), coin battery for testing remote control (preinstalled), screw kit for rack-mounting, warranty card, Owner's manual

Audio performance	
Recording	
Frequency response	
PCM	20Hz to 20kHz +0.1dB/-0.5dB (Fs=44.1k/48kHz, JEITA) 20Hz to 40kHz +0.1dB/-1dB (Fs=88.2k/96kHz, JEITA) 20Hz to 80kHz +0.1dB/-6dB (Fs=176.4k/192kHz, JEITA)
DSD	20Hz to 50kHz +0.1dB/-3dB (DSD, JEITA) 20Hz to 100kHz +0.1dB/-12dB (DSD, JEITA)
Distortion	0.003% or less (THD+N, 1kHz, Ref: -16dB/BALANCED, JEITA) 0.005% or less (THD+N, 1kHz, UNBALANCED, JEITA)
S/N ratio	
PCM (24-bit mode)	113dB or higher (Ref: -20dB/BALANCED, JEITA) 111dB or higher (UNBALANCED, JEITA)
DSD	106dB or higher (Ref: -20dB/BALANCED, AES-17 20k LPF) 104dB or higher (UNBALANCED, AES-17 20k LPF)
Crosstalk (1kHz)	108dB or higher (JEITA)
Playback	
Frequency response	
PCM	20Hz to 20kHz ±0.1dB (Fs=44.1k/48kHz, JEITA) 20Hz to 40kHz +0.1dB/-0.3dB (Fs=88.2k/96kHz, JEITA) 20Hz to 80kHz +0.1dB/-3dB (Fs=176.4k/192kHz, JEITA)
DSD	20Hz to 50kHz +0.1dB/-3dB (DSD, JEITA) 20Hz to 100kHz +0.1dB/-12dB (DSD, JEITA)

Distortion	0.003% or less (THD+N, 1kHz, Ref: -16dB/BALANCED, JEITA) 0.001% or less (THD+N, 1kHz, UNBALANCED, JEITA)
S/N ratio	
PCM	118dB or higher (Ref: -20dB/BALANCED, JEITA) 116dB or higher (UNBALANCED, JEITA)
DSD	116dB or higher (Ref:-20dB/BALANCED, AES-17 20k LPF) 114dB or higher (UNBALANCED, AES-17 20k LPF)