

Digital Audio Processors Amplifiers

RFI Line Items									
ECPU:ESTIMATED COST P/UNIT	PMP:POTENTIAL MINIMUM PURCHASE	PAP:POTENTIAL ANNUAL PURCHASE	PF:PURCHASE FREQUENCY	ETD:ESTIMATED DELIVERY TIME					
Product name	MFR	MFR product #	ECPU	Min qty	PMP	PAP	PF	ETD	Details
Rackmount Digital Mixer	Yamaha	TF-RACK		1			1	1	MutlineMixing Capacity Input Channels Aux BusesStereo BusesSub BusesInput channel functions/OInputsOutputs Expansion slots On-board processorsDSPGeneral specificationsSampling frequency rateInternalSignal delayFaderTotal harmonic distortionFrequency responseDynamic rangeHum & noise levelEquivalent input noiseResidual output noiseCrosstalkPower requirementsPower consumptionDimensionsWHDNet weightAccessoriesOptionsOthers Outline Mixing Capacity Input Channels (32 mono + 2 stereo + 2 return) Aux Buses 20 (8 mono + 6 stereo) Stereo Buses 1 Sub Buses 1 Input channel functions 8 DCA Groups I/OInputs 16 mic/line (XLR/TRS combo) + 1 stereo line (RCA pin)Outputs 16 (8 XLR + 8 TRS phone) Expansion slots 1 (for NY64-D) On-board processors DSP 8 Effects + 10 GEQ General specifications: Sampling frequency rate Internal 48 kHz Signal delay Less than 2.6 ms, INPUT to OMNI OUT, Fs=48 kHz Fader Resolution=10-bit, +10 dB to -138 dB, -∞ dB all faders Total harmonic distortion Less than 0.05% 20 Hz-20 kHz @+4 dBu into 600 Ω, INPUT to OMNI OUT, Input Gain=Min. (Measured with a -18 dB/octave filter@80 kHz) Frequency response0.5, -1.5 dB 20 Hz-20 kHz, refer to +4 dBu output @1kHz, INPUT to OMNI OUT Dynamic range 110 dB typ., DA Converter, 108 dB typ., INPUT to OMNI OUT, Input Gain=Min. Hum & noise levelEquivalent input noise -128 dBu typ., Input Gain=Max. (Measured with an A Weight filter) Residual output noise-85 dBu, ST master off (Measured with an A-Weight filter Crosstalk100 dB (Measured with a -30 dB/octave filter@22 kHz), adjacent INPUT/OMNI OUT channels, Input Gain=Min. Power requirements 100-240 V 50/60 Hz Power consumption 85 W Dimensions W 480 mm (18-7/8 in) H 132 mm (5-1/4 in) D409 mm (16-1/8 in) Net weight 9.2 kg (20.3lb) Accessories Quick Guide, Power Cord NUENDO LIVE (DAW Software), Rubber stoppers(4 OptionsAudio Interface Card (NY-64D), Foot Switch (FC5) OthersOperating temperature range: 0-40 °C, Storage temperature range: -20-60 °C
1-Volume / 4-Switch Control Panel for the MTX	Yamaha	DCP1V4S		4			1	1	The Yamaha DCP1V4S is a 1-volume & 4-switch equipped wall mount control panel for their MTX series. Yamaha DCP1V4S Features: Easy connection by CAT5 carrying RS485 + power Maximum 8 DCPs can be connected to 1 MTX Series
Space (3U) Steel Rack Drawer with Slam Latch & Keyed Lock, 1	Penn Elcom	3233LK		1			1	1	Fully enclosed with latch handle. Black metal drawers mount directly into your equipment racks. Spring-loaded handle keeps drawer closed during transport. Optional #HPS screws to rack mount. 3-spaces.
Bluetooth Audio Receiver	Denon	DN-200BR		2			1	1	Frequency Response 20 Hz to 20 kHz (+1 dBu) Signal-to-Noise Ratio (SNR) > 75 dB THD< 0.01 Bluetooth Version: 2.1 + Enhanced Data Rate (EDR) Maximum Receiver Power: Class 2, 4 dBm Receiver Frequency: 2.4 GHz - 2.480 GHz Receiver Range: Up to 82' / 25 m Receiver Sensitivity: -80 dBm at 0.1% BER Supported Codec: SBC, MP3, AAC, aptX Supported Profiles: AVCTP 1.0, AVRCP 1.0, GAVDP 1.2, AVDTP 1.0, A2DP 1.2, Hands-Free Profile (HFP) 1.5, and Headset Profile (HSP) 1.1 Analog OutputBalanced: 2 x XLR +4 dBu (+1 dB) Unbalanced: 2 x 1/4" / 6.35 mm -2 dBu (+1 dB) EnvironmentalOperation Temperature: 41 to 95°F / 5 to 35°C Power Power Adapter: 5 VDC, 3 A,Center-Positive Input Voltage: 100 to 240 VAC, 50/60 Hz Dimensions (W x D x H)8.8 x 4.6 x 1.8" / 147.3 x 116.8 x 45.7 mm Weight3 lb / 0.6 kg
Totals									