

Dynacord DCPM16003UNIV Power Mixer/12 Mic/Line w 4 Mic/Stereo Line Channels/6x AUX/Dual 24 bit Stereo Effects/USB Audio Interface/Power Amp 2x 1000W

Channels (Mono + Stereo)	12 + 4
Auxiliarys (MON, FX, AUX)	2 Pre, 2 Post, 2 Pre/Post switchable
Max. Single Channel Output Power, Dynamic-Headroom, IHF-A	
into 2.66 Ω	2 x 1600 W
into 4 Ω	2 x 1250 W
into 8 Ω	2 x 675 W
Max. Single Channel Output Power, Continuous, 1 kHz, THD = 1%	
into 2.66 Ω	2 x 1350 W
into 4 Ω	2 x 1150 W
into 8 Ω	2 x 650 W
Maximum Midband Output Power, 1 kHz, THD = 1%, Dual Channel	
into 2.66 Ω	2 x 1350 W
into 4 Ω	2 x 1000 W
into 8 Ω	2 x 600 W
Rated Output Power, 20 Hz to 20 kHz, THD < 0.5%, Single Channel	
into 4 Ω	2 x 900 W
into 8 Ω	2 x 450 W
Maximum Output Voltage, of power amplifier, 1 kHz, no load	74 Vrms
THD, at 1 kHz, MBW = 80 kHz	
MIC input to Master A L/R outputs, +16 dBu, typical	< 0.005%
POWER AMP INPUTS to Speaker L/R outputs	< 0.075%
DIM 30, power amplifier, 3.15 kHz, 15 kHz	< 0.05%
IMD-SMPTE, power amplifier, 60 Hz, 7 kHz	< 0.15%
Frequency Response, -3 dB, ref. 1 kHz	
Any input to any Mixer output	15 Hz to 70 kHz
Any input to Speaker L/R output	20 Hz to 30 kHz
Crosstalk, 1 kHz	
Amplifier L/R	< -85 dB
Channel to Channel	< -80 dB
Mute- & Standby-Switch attenuation	> 100 dB
Fader & FX/AUX/MON-Send attenuation	> 85 dB
CMRR, MIC input, 1 kHz	> 80 dB
Input Sensitivity, all level controls in max. position	
MIC	-74 dBu (155 μ V)
LINE (Mono)	-54 dBu (1.55 mV)
LINE (Stereo)	-34 dBu (15.5 mV)
CD (Stereo)	-34 dBu (15.5 mV)
POWER AMP INPUTS	+8 dBu (1.95 V)
Maximum Level, mixing desk	
MIC inputs	+21 dBu
Mono Line inputs	+41 dBu
Stereo Line inputs	+30 dBu
All other inputs	+22 dBu
All other outputs	+22 dBu
Input Impedances	
MIC	2
Insert Return	3.3
2Track Return & CD In	10
All other inputs	> 15
Output Impedances	

Phones	47 Ω
All other outputs	75 Ω
Equivalent Input Noise, MIC input, A-weighted, 150 ohms	-130 dBu
Noise, Channel inputs to Master A L/R outputs, A-weighted	
Master fader down	-97 dBu
Master fader 0 dB, Channel fader down	-89 dBu
Master fader 0 dB, Channel fader 0 dB, Channel gain unity	-82 dBu
Signal/Noise-Ratio, power amplifier, A-weighted, 4 Ω	105 dB
Output Stage Topology, amplifier	Class D
Equalization	
LO Shelving	± 15 dB / 60 Hz
MID Peaking, mono inputs	± 15 dB / 100 Hz to 8 kHz
MID Peaking, stereo inputs	± 12 dB / 2.4 kHz
HI Shelving	± 15 dB / 12 kHz
Master EQ 11-band (63, 125, 250, 400, 630, 1k, 1.6k, 2.5k, 4k, 6.3k, 12kHz)	± 10 dB / Q = 1.5 to 2.5
Filter	
LO-CUT, mono inputs	f = 80 Hz, 18 dB/oct.
VOICE FILTER, mono inputs	switchable
FEEDBACK FILTER, MON 1/2	70 Hz to 7 kHz, Notch, -9 dB
Speaker Processing	LPN, switchable
Effects	
Type	Dual stereo 24/48-bit multi effects processors
Effects presets	100 Factory + 20 User, Tap-Delay
Remote control	Footswitch, MIDI
Display	128 x 64 pixels, OLED
Digital Audio Interface	
Channels	4 In / 4 Out
AD/DA Conversion	24-bit
Sampling Rate	44.1 / 48 / 88.2 / 96 kHz
PC Interface	USB2.0, Female Type B
Peak Display	6 dB before Clip
MIDI Interface	5-pin DIN connector, In / Out
Output Power Control (Speaker Protection)	Adjustable longterm RMS Limiter
Protection	
Mixer Outputs (Relay controlled)	MON 1, MON 2, MASTER A
Amplifier	Audio Limiters, High Temperature, DC, HF, Short Circuit, Peak Current Limiters, Turn-on Delay, Back EMF
Switching Mode Power Supply (μ C controlled)	Inrush Current Limiters, Mains Over/Undervoltage, Mains Over Current, High Temperature
Cooling	Continuous speed controlled Fans
Phantom Power, switchable in groups	48 V DC
Power Requirements (SMPS with auto range mains input)	100 V to 240 V AC, 50 Hz to 60 Hz
Power Consumption, at $\frac{1}{2}$ maximum output power, 4 Ω	450 W
Safety Class	I
Ambient Temperature Limits	+5 $^{\circ}$ C to +40 $^{\circ}$ C (40 $^{\circ}$ F to 105 $^{\circ}$ F)
Dimensions (W x H x D), mm	With lid: 663.5 x 164.5 x 571.5
Weight	
Net Weight, without lid	15 kg
Net Weight, with lid	17 kg
Shipping Weight	20 kg

Warranty	36 months
Optional Accessories	
Gooseneck Lamp, 12V/5W, 12", XLR 4 pol.	F01U118983 (DC-LITLITE-4P)
FS 11 (Footswitch with LED)	F01U100598 (DC-FS11)