





mpa TECHNOLOGY
Master of Professional Audio

PROFESSIONAL AUDIO



-  **DIRECT BOX (PASSIVE/ACTIVE)**
-  **PHANTOM POWER**
-  **MICROPHONE/LINE MIXER**
-  **SIGNAL DISTRIBUTOR**
-  **MICROPHONE SPLITTER**
-  **AMPLIFIERS & POWERD MIXER**
-  **CABLE TEST & POWER SEQUENCE**
-  **TUBE EFFECT & POWER SUPPLY**



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PDB-101 (PASSIVE DIRECT BOX)



Specifications

Frequency Resp. : high to low impedance : 15 - 30,000 Hz
 Low to high impedance : 30 - 20,000 Hz
 Inputs : max. Input voltage :
 32v (corresponds to 125W at 8Ω or 250W at 4Ω)
 1/4" jack 50kΩ, unbalanced
 Outputs : XLR 600Ω, balanced / Transmission ratio 10 : 1
 Attenuator : 0, -20, -40 dB
 Admissible ambient : Temperature 0~40 °c
 Dimensions (WxHxD) : 99 x 43.5 x 95 mm
 Weight : 220g

FDB-202 (2-CH PASSIVE DIRECT BOX)



Specifications

Frequency Resp. : high to low impedance : 15 - 30,000 Hz
 Low to high impedance : 30 - 20,000 Hz
 Inputs : max. Input voltage :
 32v (corresponds to 125W at 8Ω or 250W at 4Ω)
 1/4" jack 50kΩ, unbalanced
 Outputs : XLR 600Ω, balanced / Transmission ratio 10 : 1
 Attenuator : 0, -20, -40 dB
 Admissible ambient : Temperature 0~40 °c
 Dimensions (WxHxD) : 148 x 47 x 128 mm
 Weight : 812g

DBRC-2A (2-CH RCA & 3.5 mm JACK PASSIVE DIRECT BOX)



Specifications

Frequency Resp. : high to low impedance : 15 - 30,000 Hz
 Low to high impedance : 30 - 20,000 Hz
 Inputs : max. Input voltage :
 32v (corresponds to 125W at 8Ω or 250W at 4Ω)
 1/4" jack 50kΩ, unbalanced
 Outputs : XLR 600Ω, balanced / Transmission ratio 10 : 1
 Attenuator : 0, -20, -40 dB
 Admissible ambient : Temperature 0~40 °c
 Dimensions (WxHxD) : 130 x 44 x 81 mm
 Weight : 480g

FDB-404 (4-CH PASSIVE DIRECT BOX)



Specifications

Frequency Resp. : high to low impedance : 15 - 30,000 Hz

Low to high impedance : 30 - 20,000 Hz

Inputs : max. Input voltage : 32v (corresponds to 125W at 8Ω or 250W at 4Ω)

1/4" jack 50kΩ, unbalanced

Outputs : XLR 600Ω, balanced / Transmission ratio 10 : 1

Attenuator : 0, -20, -40 dB

Admissible ambient : Temperature 0~40 °c

Dimensions (WxHxD) : 483 x 44.5 x 95 mm

Weight : 1,250g

ADB-404 (4-CH ACTIVE DIRECT BOX)



Specifications

Frequency Resp. : 20Hz to 20kHz ±0.5dB

Attenuator : 0, -30 dB

Inputs Impedance : 1MΩ, unbalanced 1/4" jack

Outputs Impedance : 600Ω, balanced XLR

Power Requirements : 48V Phantom Power DC9V Adaptor(Optional)

Dimensions (WxHxD) : 483 x 44.5 x 95 mm

Weight : 1,300g

LDB-101 (ACTIVE DIRECT BOX)



Specifications

Frequency Resp. : 20Hz to 20kHz \pm 0.5dB
 Attenuator : 0, -30 dB
 Inputs Impedance : 1M Ω , unbalanced 1/4" jack
 Outputs Impedance : 600 Ω , balanced XLR
 Power Requirements : 9V PP3 Battery or 48V Phantom Power
 Dimensions (WxHxD) : 130 x 44 x 81 mm
 Weight : 498g

LDB-202 (2-CH ACTIVE DIRECT BOX)



Specifications

Frequency Resp. : 20Hz to 20kHz \pm 0.5dB
 Attenuator : 0, -30 dB
 Inputs Impedance : 1M Ω , unbalanced 1/4" jack
 Outputs Impedance : 600 Ω , balanced XLR
 Power Requirements : 9V PP3 Battery or 48V Phantom Power
 Dimensions (WxHxD) : 130 x 44 x 81 mm
 Weight : 550g

RDB-202 (2-CH RECHARGEABLE ACTIVE DIRECT BOX)



Specifications

Frequency Resp. : 20Hz to 20kHz \pm 0.5dB
 Attenuator : 0, -20dB, -30 dB
 Inputs Impedance : 1M Ω , unbalanced 1/4" jack
 Outputs Impedance : 600 Ω , balanced XLR
 Power Requirements : Li-Polymer Battery
 DC12V Adaptor
 48V Phantom Power
 Dimensions (WxHxD) : 148 x 47x 128 mm
 Weight : 730g

PDI-100 (PARA ACOUSTIC DIRECT BOX)



Specifications

Input Impedance : 10M ohms
 Output Impedance : 600 Ohms
 EQ : Low : +/-12dB@85Hz Notch : +/-6dB@98-247Hz
 Midrange : +/-12dB@400Hz-1.6kHz
 Presence : +/-6dB@5kHz Treble : +/-12dB@10kHz
 Low Cut Filter : Fixed, 12dB/oct.@35Hz
 Gain : from 3dB-24dB
 Signal to Noise : -88dB, unweighted
 FX Send Impedance : 8.2K Ohms
 FX Return Impedance : 47K Ohms
 Battery Type : Single 9V
 External Power : 30-48V phantom power
 Dimensions (WxHxD) : 100 x 53 x 146mm
 Weight : 685g

PPA-202 (2-CH PHANTOM POWER)



Specifications

Phantom Voltage : 12V or 48V selectable
 Jacks : Male and Female XLR jack,
 2.5mm DC input jacks
 Control : 12/48 volt selector switch
 Input Power : 12-14 VDC (adapter included)
 Dimensions (WxHxD) : 99 x 43.5 x 95 mm
 Weight : 270g (Without adapter)

RPP-202 (2-CH RECHARGEABLE PHANTOM POWER)



Specifications

Phantom Voltage : 12V or 48V selectable
 Jacks : Male and Female XLR jack,
 2.5mm DC input jacks
 Control : 12/48 volt selector switch
 Input Power : 12-14 VDC (adapter included)
 Power Requirements : Li-Polymer Battery
 DC12V Adaptor
 Dimensions (WxHxD) : 97 x 43.5 x 95 mm
 Weight : 280g (Without adapter)

MPA-404 (4-CH PHANTOM POWER)



Specifications

Phantom Voltage : 48V
Jacks : Male and Female XLR jack,
Input Power : 12-14 VDC (adapter included)
Dimensions (WxHxD) : 150x 40 x 135 mm
Weight : 430g (Without adapter)

PPA-1020 (10-CH PHANTOM POWER)



Specifications

Phantom Voltage : 12V or 48V selectable
Jacks : Male and Female XLR jack,
Control : 12/48 volt selector switch
Input Power : 12-14 VDC (adapter included)
Dimensions (WxHxD) : 483 x 44.5 x 130 mm
Weight : 1,450g (Without adapter)

KM-802 (8-CH CONSOLE MIXER)



Specifications

Gain (at 1 kHz, ± 3 dB)
Equalizer : Hi ± 8 dB / 10kHz LOW ± 5 dB / 100Hz
Frequency Response (ref 1 kHz) 20 Hz to 20 kHz, ± 2 dB
Input Impedance : Balanced Lo Mic 2 k Ω
Unbalanced Line 20 k Ω RCA (Cd/Tape) 22 k Ω
Output Impedance : Balanced Lo Mic 150 Ω
Balanced (L-R) 600 Ω
Phantom Power Voltage : 0V or 48V selectable (3Ch-4Ch)
Input Power : DC 12V ~ 14V, 500mA (Adaptor Included)
Dimension (WxHxD) : 220 x 53 x 145 mm
Weight : 1,100g (Without Adapter)

ML-410 (4-CH MICROPHONE & LINE MIXER)



Specifications

Gain (at 1 kHz, ± 3 dB)

Frequency Response (ref 1 kHz) : 20 Hz to 20 kHz, ± 2 dB

Input Impedance : Balanced Lo Mic 2 k Ω / Unbalanced Line 20 k Ω / Aux 47 k Ω

Output Impedance : Balanced Lo Mic 150 Ω Aux 2 k Ω

Phantom Power Voltage : OFF, 12V or 48V selectable

Input Power : DC 12V~14V, 500mA (Adaptor Included)

Dimension (WxHxD) : 260 x 44.5 x 130 mm

Weight : 1,000g

ML-620e (6-CH MICROPHONE & LINE MIXER)



Specifications

Gain (at 1 kHz, ± 3 dB)

Frequency Response (ref 1 kHz) : 20 Hz to 20 kHz, ± 2 dB

Input Impedance : Balanced Lo Mic 2 k Ω / Unbalanced Line 20 k Ω / Aux 47 k Ω

Output Impedance : Balanced Lo Mic 150 Ω Aux 2 k Ω

Phantom Power Voltage : OFF, 12V or 48V selectable

Input Power : DC 12V~14V, 500mA (Adaptor Included)

Dimension (WxHxD) : 483x 44.5 x 130 mm

Weight : 1,500g

MX-1020 (MICROPHONE MIXER)



Specifications

Gain (at 1 kHz, ± 3 dB)
 Frequency Response (ref 1 kHz) : 20 Hz to 20 kHz, ± 2 dB
 Input Impedance : Balanced Lo Mic 2 k Ω
 Output Impedance : Balanced Lo Mic 150 Ω
 Phantom Power Voltage : 48V selectable
 Input Power : DC 12V 500mA (Adaptor Included)
 Dimension (WxHxD) : 483 x 44.5 x 130 mm
 Weight : 1,620g

MDB-404 (4-CH MIC & LINE DISTRIBUTOR)



Specifications

Input Mic Impedance : 2k Ω / (min)-22dBV (Balanced)
 Input Line Impedance : 20k Ω / (min)-3dBV (Balanced)
 Output Impedance : 600 Ω / 1V (Balanced)
 Frequency Response (ref 1 kHz) : 20Hz ~ 20KHz
 Distortion (THD) : 0.1%
 Signal-to-Noise Ratio : 75dB
 Input Sensitivity : 600 Ω / 100mV (Balanced)
 Input Power : D.C 12V~15V 500mA (Adaptor Included)
 Dimension (WxHxD) : 260 X 130 X 44.5 mm
 Weight : 970g

MDB-208 (8-CH LINE DISTRIBUTOR)



Specifications

Input Impedance : 600Ω / 1V (Balanced)
 Output Impedance : 600Ω / 1V (Balanced)
 Frequency Response (ref 1 kHz) : 20Hz ~ 20KHz
 Distortion (THD) : 0.1%
 Signal-to-Noise Ratio : 75dB
 Input Sensitivity : 600Ω / 100mV (Balanced)
 Input Power : D.C 12V~15V 500mA (Adaptor Included)
 Dimension (WxHxD) : 483 X 44.5 X 130 mm
 Weight : 1,600g

MCB-201 (MICROPHONE COMBINER)



Specifications

INPUT IMPEDANCE : Greater than 570 ohm @ 1.0 kHz.
 Greater than 570 ohm @ 10 kHz.
 Nominal source impedance is 150 ohm.
 OUTPUT IMPEDANCE : Less than 255 ohm @ 1.0 kHz.
 Less than 270 ohm @ 10 kHz.
 RISE TIME : Less than 2.4 microseconds
 (2.0 kHz square wave, 10%-90%).
 Dimension (WxHxD) : 81 X 44 X 130 mm
 WEIGHT : 450g

MST-103 (MICROPHONE SPLITTER)



Specifications

INPUT IMPEDANCE : Greater than 570 ohm @ 1.0 kHz.
 Greater than 570 ohm @ 10 kHz.
 Nominal source impedance is 150 ohm.
 OUTPUT IMPEDANCE : Less than 255 ohm @ 1.0 kHz.
 Less than 270 ohm @ 10 kHz.
 RISE TIME : Less than 2.4 microseconds
 (2.0 kHz square wave, 10%-90%).
 Dimension (WxHxD) : 81 X 44 X 130 mm
 WEIGHT : 450g

MST-412 (4-CH MICROPHONE SPLITTER)



Specifications

INPUT IMPEDANCE : Greater than 570 ohm @ 1.0 kHz.
Greater than 570 ohm @ 10 kHz.

Nominal source impedance is 150 ohm.

OUTPUT IMPEDANCE : Less than 255 ohm @ 1.0 kHz.
Less than 270 ohm @ 10 kHz.

RISE TIME : Less than 2.4 microseconds (2.0 kHz square wave, 10%-90%).

Dimension (WxHxD) : 483 X 44.5 X 130 mm

WEIGHT : 1,300g

PMS-412 (4-CH PHANTOM MICROPHONE SPLITTER)



Specifications

INPUT IMPEDANCE : Greater than 570 ohm @ 1.0 kHz.
Greater than 570 ohm @ 10 kHz.

Nominal source impedance is 150 ohm.

OUTPUT IMPEDANCE : Less than 255 ohm @ 1.0 kHz.
Less than 270 ohm @ 10 kHz.

RISE TIME : Less than 2.4 microseconds (2.0 kHz square wave, 10%-90%).

Phantom Voltage : 48V

Input Power : 12V DC (adapter included)

Dimension (WxHxD) : 483 X 44.5 X 130 mm

WEIGHT : 1,410g

PA-350 (AMPLIFIERS)



Specifications

RMS Power : 8Ω ----- 30W
 4Ω ----- 50W
 Frequency Response (ref 1 kHz) :
 20 Hz to 20 kHz, ±2 dB
 Input Impedance : Mic -22 dBV, 2 kΩ
 Line -3 dBV, 20 kΩ
 Equalizer : Hi ±15dB / 10KHz
 Low ±15dB / 30Hz
 Input Power : AC12V, 1A
 Inner Fuse : 3A
 Dimension (WxHxD) : 150 x 40 x 135 mm
 Weight : 465g (W/Out Adaptor)

PM-502 (5-CH POWERD MIXER)



Specifications

Gain (at 1 kz, ±3 dB)
 Equalizer : Hi ±8dB / 10KHz
 LOW ±5dB / 100Hz
 Input Impedance : Balanced Lo Mic 2 kΩ
 Unbalanced Line 20 kΩ
 RCA (Play) 22 kΩ
 Output Impedance : Balanced Lo Mic 150 Ω
 Balanced (L-R) 600 Ω
 Phantom Power Voltage : 48V (1Ch-2Ch)
 Plyer: MP3/FM/Bluetooth
 Rms : 4 ohm 2 x 50w
 Input Power : AC18V/2A (Adaptor Included)
 Dimension (WxHxD) : 220 x 65 x 155 mm
 Weight : 1,500g (Without Adaptor)

CTS-707 (CABLE TEST SYSTEM)



Specifications

JACK: 3.5/ RCA/ BNC/ DIN 5PIN/ 5.5/ XLR/ SPEAKON
POWER : 9V PP3 Battery
Dimension (WxHxD) : 132 X 50 X85 mm
Weight : 490g

DMP-4 (DIGITAL MUSIC PLAYER)



Specifications

Power : DC5V
Recharge : 2~3 Time
Play Time : 5~6 Time
Frequency : FM87.5~108MHz
Headphone Rms : 0.5W X 2
Battery : DC3.7V (3.7V 900mA LI-Polymer)
Dimensions (WxHxD) : 97 x 43 x 104 mm
Weight : 238g (Without adapter)

PS-612 (6-CH X 12 POWER SEQUENCE)



Specification

Concent : Direct In 1Ea / Out 6Ch X 12Ea
Out Fuse Holder : 20A x 10Ch
Cable : 2M Plug 0.6/1KV
Dimension (WxHxD) : 483 x 88 x 320 mm
Weight : 7,500g

PS-7 (POWER SUPPLY)



Specifications

Power : Dc 15v Adaptor
Output : Regulated 9v 6ch / Regulated 12v 1ch
Check : 9v-red 12v-green
Cord wire : 400mm 7EA
Dimension (WxHxD) : 70 X 29 X 66 mm
Weight : 125g

TCR-7 (TUBE CHORUS)



Specifications

Control : Level, Rate, Depth
Power : AC9V 850mA Adaptor
Max, Current Draw : 480mA (6.5VA)
Tube Type : 12AX7 (ECC83)
Input Impedance : 470K ohm
Output Impedance : 10K ohm
Maximum input level : 0dBm(100hz) -10dBm(1Khz)
Dimension (WxHxD) : 96 X 60 X 140 mm
Weight : 330g

TDS-7 (TUBE DISTORTION)



Specifications

Control : Level, Color, Distortion
Power : AC9V 850mA Adaptor
Max, Current Draw : 480mA (6.5VA)
Tube Type : 12AX7 (ECC83)
Input Impedance : 470K ohm
Output Impedance : 10K ohm
Maximum Gain : 47dB
Dimension (WxHxD) : 96 X 60 X 140 mm
Weight : 330g

TOD-7 (TUBE OVER DRIVE)



Specifications

Control : Level, Color, Drive
Power : AC9V 850mA Adaptor
Max, Current Draw : 480mA (6.5VA)
Tube Type : 12AX7 (ECC83)
Input Impedance : 470K ohm
Output Impedance : 10K ohm
Maximum Gain : 37dB
Dimension (WxHxD) : 96 X 60 X 140 mm
Weight : 330g








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