

POWER SOLUTION



interM

PROFESSIONAL SERIES AMPLIFIER

P2000/3200



FEATURES

- **EXCELLENT RELIABILITY**
Extensive protection circuitry results in these amplifiers has outstanding audio performance and reliability.
- **DUAL MONORAL POWER SUPPLY**
Each separated power source helps to produce perfect sound on its own output channel, even in the unlikely event of the other one failing.
- **VOLTAGE STEP CIRCUITRY TO POWER OUTPUT STAGE**
P2000: 2 Step circuit, P3200: 3 Step circuit.
Intelligent and high efficiency voltage stepping circuitry that is added to the power output stage lowers the AC current consumption and improves thermal performance.
- **VARIOUS PROTECTION CIRCUITS**
Full short circuit, open circuit, thermal muting, ultrasonic and RF protection. Turn on/off muting, DC load fault relay with internal fault fuses.
- **COMPREHENSIVE LED STATUS ARRAYS**
Front panel LED indication showing the operating status of power, level, clip limiter and temperature protection.
- **PARALLELED INPUT CHANNELS**
The MODE switch situated on the rear panel allows several amplifier input channels to be wired in parallel.
- **MODE SELECT SWITCH**
The MODE switch situated on the rear panel allows the unit to be used for stereo sound, bridged mono or for paralleling the input channels of several amplifiers.
- **FAN COOLING**
The amplifier is cooled using a continuously variable speed fan. Variable speed also gives rise to quiet operation. Air flow is from front-to-rear.
- **INPUT CONNECTORS**
Balanced combination jack and balanced XLR plug.
- **OUTPUT CONNECTORS**
5 Way binding post and speakon jack.

SPECIFICATIONS

Rated Output

	P-2000	P-3200
8Ω (stereo channel)	500W	750W
4Ω (stereo channel)	750W	1200W
2Ω (stereo channel)	1000W	1400W
8Ω (bridged mono)	1500W	2400W
4Ω (bridged mono)	2000W	3200W

- Input Sensitivity1Vrms
- T.H.D0.1%
- Frequency Response(±0.5dB).....12Hz-35kHz
- S/N104dB
- Damping Factor200
- Slew Rate±40V/μ sec
- Indicator
POWER Green
PROTECTIONRed
CLIPRed
SIGNALOrange
- Connector
InputCombination Jack and XLR(Link)
Output5 Way Binding Post, Speakon
- ProtectionTurn on Delay, Thermal, DC-Fault, PC Limiter:RL<2Ω RF, Inrush Current, Clip-Limiter, Output Short
- Output Circuit
P-20002 Step Circuit
P-32003 Step Circuit
- Cooling Method:FAN COOLING
Continuous Variable Speed fan, rear-to-front flow
- **Power Source**AC 100V - 240V, 50/60Hz
- **Power Consumption**.....P-2000:800W
P-3200:1100W
- **Weight**P-2000:24.5kg
P-3200:25kg
- **Dimensions**482(W) × 132(H) × 437(D)mm

MAJESTIC SERIES AMPLIFIER

FEATURES

- **COMPACT DESIGN**
Slim compact design with good shape, suitable for narrow rack space.
- **PROTECTION CIRCUITRY**
Reliable circuitry preventing over current and overheating. Turn on delay and DC detection circuit to protect speakers.
- **LED INDICATION**
Front panel LED indication showing the operating status of power, level, clip and protection.
- **PARALLELED INPUT CHANNELS**
The MODE switch when selected to PARALLEL on the rear panel allows several amplifier input channels to be wired in parallel.
- **BRIDGED MONO**
The MODE switch when selected to BRIDGED MONO on the rear panel gives rise to powerful mono sound.
- **SYSTEM SOFT START**
Soft start components fitted to the primary power supply prevent inrush current when the system is first turned on.

SPECIFICATIONS

Rated Output

	M-500	M-700	M-1000
8Ω(stereo channel)	150W	220W	330W
4Ω(stereo channel)	250W	350W	500W
8Ω(bridged mono)	500W	700W	1000W

- Input Sensitivity0.775Vrms
- T.H.D0.05%
- Frequency Response(±0.5dB).....10Hz~70kHz
- S/N100dB
- Damping Factor150
- Slew Rate±40V/μ sec
- Indicator
POWERRed
PROTECTIONRed
CLIP LIMITEROrange
SIGNALGreen
- Connector
InputCombination Jack and XLR(Link)
Output5-Way Binding Post and Speakon per Channel
- ProtectionTurn on Delay, Thermal, DC-Fault, PC Limiter
- Cooling Method:FAN COOLING
Continuous Variable Speed Fan, Rear-to-Front Flow

- **Power Source** AC 100V - 240V, 50/60Hz
- **Power Consumption**M-500:420W
M-700:520W
M-1000:770W
- **Weight**M-500:12kg
M-700:15kg
M-1000:17kg
- **Dimensions**482(W) × 88(H) × 369(D)mm





FEATURES

- SUBSTANTIAL PROTECTION CIRCUITRY**
To insure stability and reliability against over current and overheating extra protection circuitry is provided. In addition, turn on delay and DC detection circuitry is provided to protect the loud-speaker.
- BRIDGED MONO FUNCTION**
These stereo amplifiers can be used for monoral powerful sound by selecting the mode switch.
- VARIOUS DISPLAY**
To confirm the operating status, LED displays of protection, clip, and signals are provided on front panel.
- COMPACT SIZE**
For valuable saving in rack space and slim exterior view, these amplifier is designed within compact size.
- SOFT-START SYSTEM**
To prevent inrush current when turn on the amplifier, soft-start circuit is provided on primary power lines.
- SPEED CONTROLLED FAN**
Dual temperature-sensitive speed-controlled fans for reliable cooling without thermal and overheating problems.
- COMBINATION INPUT CONNECTOR**
Combination input connectors for each channel accommodate both balanced XLR or balanced 1/4" TRS plugs, as well as both Speakon™ and banana jack output connectors for maximum flexibility.
- TRANSFORMER**
Toroidal transformer power supply for high current and low profile.

SPECIFICATIONS

● Rated Output

	M-1500	M-2000
8Ω(stereo channel)	500W	710W
4Ω(stereo channel)	750W	1000W
8Ω(bridged mono)	1500W	2000W

- Input Sensitivity.....0.775Vrms
- T.H.D.....0.05%
- Frequency Response(±0.5dB).....10Hz~40kHz
- S/N.....100dB
- Damping Factor.....150
- Slew Rate.....±40V/μ sec
- Indicator
- POWER.....Red
- PROTECTION.....Red
- CLIP LIMITER.....Orange
- SIGNAL.....Green
- Connector
- Input.....Combination Jack and XLR(Link)
- Output.....5-Way Binding Post and Speakon per Channel
- Protection.....Turn on Delay, Thermal, DC-Fault, PC Limiter
- Cooling Method:FAN COOLING
- Continuous Variable Speed Fan, Rear-to-Front Flow

- Power Source..... AC 100V - 240V, 50/60Hz
- Power Consumption.....M-1500:950W
M-2000:1300W
- Weight.....M-1500:20kg
M-2000:23kg
- Dimensions.....482(W) × 132(H) × 369(D)mm

REFERENCE SERIES AMPLIFIER

FEATURES

- **MONITOR AMP**
High-performance rack mountable amplifier with studio quality sound. Convection cooled (no fan) provides quiet performance in critical applications.
- **PROTECTION CIRCUITRY**
Relay controlled "power on" circuitry prevents speaker "thumps". Turn on delay, DC detection circuit and thermal protection.
- **LED INDICATION**
Front panel LED indication showing the operating status of power, clip, protection and level.
- **BRIDGED MONO**
The MODE switch when selected to BRIDGED MONO on the rear panel gives rise to powerful mono sound.

SPECIFICATIONS

- **Rated Output**

	R-150	R-300	R-500
8Ω (stereo channel)	50W	100W	170W
4Ω (stereo channel)	75W	150W	250W
8Ω (bridged mono)	150W	300W	500W

 - Input Sensitivity0.775Vrms
 - T.H.D0.03%
 - Frequency Response(±0.5dB)20Hz~50kHz
 - S/N105dB
 - Damping Factor100
 - Slew Rate±30V/μ sec
 - Indicator
 - POWERRed
 - CLIPRed
 - PROTECTIONRed
 - LEVELGreen
 - Connector
 - Input XLR, 1/4"(Balanced) per channel
 - Output 5 - Way Binding Post
 - ProtectionTurn on Delay, Thermal, DC-Fault, PC Limiter
- **Power Source** AC 100V - 240V, 50/60Hz
- **Power Consumption**R-150:140W
R-300:210W
R-500:330W
- **Weight**R-150:7.5kg
R-300:8.2kg
R-500:13.6kg
- **Dimensions**R-150/300 : 482(W) × 88(H) × 210(D)mm
R-500 : 482(W) × 132(H) × 280(D)mm



QUAD SERIES AMPLIFIER



QD 4240/4480/4960

FEATURES

- **QUAD AMPLIFIER**
QD-4240/QD-4480/QD-4960 series amplifier combine 4 amp circuits each unit.
- **SUBSTANTIAL PROTECTION CIRCUITRY**
To ensure stability and reliability against over current and over heating, extra protection circuitry is provided.
In addition, output muting and DC fault detection circuit is provided to protect the loud speaker.
- **VARIOUS DISPLAY**
To confirm the operating status, LED display is provided for power, protection, clip and signal.
- **MODE SWITCH**
Operating modes are parallel, stereo and bridged mono.
- **FAN COOLING**
These amplifiers have 2-step low noise fan.
Air flow is front to rear.
- **INPUT CONNECTORS**
Input connections consist of balanced 1/4" phone jack and XLR.
- **OUTPUT CONNECTORS**
Output connectors consist of 5 way binding post.

SPECIFICATIONS

● Rated Output (1kHz, 0.1% THD)

	QD-4240	QD-4480	QD-4960
at 8Ω 1kHz(quad CH)	40W × 4	80W × 4	170W × 4
at 4Ω 1kHz(quad CH)	60W × 4	120W × 4	240W × 4
at 8Ω 1kHz(bridged mono)	120W × 2	240W × 2	480W × 2

- Input Sensitivity 0.775Vrms
- T.H.D(20Hz~20kHz)..... 0.03%
- Frequency Response(±0.5dB)..... 20Hz~50kHz
- S/N 105dB
- Damping Factor.....100
- Slew Rate.....±30V/μ sec
- Indicator
POWER..... Red
LEVEL Red
CLIP LIMITER Red
SIGNAL..... Green
- Connector
Input Combination Jack
Output..... 5 - Way Binding Post
- Protection Turn on Delay, Thermal, DC-Fault, PC Limiter
- Cooling Method:FAN COOLING
Continuous Variable Speed fan, front-to-rear flow

- **Power Source** AC 100V - 240V, 50/60Hz
- **Power Consumption** QD-4240:300W
QD-4480:420W
QD-4960:770W
- **Weight** QD-4240:11.5kg
QD-4480:15.5kg
QD-4960:17kg
- **Dimensions**482(W) × 88(H) × 369(D)mm