

Professional Audio Products





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DM-602A Stereo Disco Mixer

- **Input Section** : 3 Stereo with phono, mic selector
2 Stereo with mic, line selector
1 DJ mic with level control
- **Master Section** : 1 Stereo output with 7 band graphic equalizer
Monitor output with channel selector
digital echo with delay time control
Echo/EFX send selector and return
7 Segment LED display
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 9W
- **Weight** : 5kg/11lb
- **Dimensions** : 482(W)x98(H)x222(D)mm/19(W)x3.8(H)x8.7(D)in



DM-606 Stereo Disco Mixer

- **Input Section** : 3 Stereo phono, line selector
1 DJ mic with talk over switch
3 Band tone control
- **Master Section** : Stereo master, monitor output
Stereo recording output
12 Segment led display
Cue selector switch (Ch 1, 2, 3)
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Source** : 10W
- **Weight** : 4kg/8.8lb
- **Dimensions** : 254(W)x99(H)x305(D)mm/10(W)x3.9(H)x12(D)in



SMX-812 Audio Mixer

- **Input Section** : Mono : 4 with mic, line, 3 band equalizer
Stereo : 2 with +4/-10/-20 attenuator
2 Band equalizer
Common : PFL on/off switch
- **Output Section** : Stereo L/R
- **In/Out Connector** : In : Mic : 1/4" ; XLR
Out : 1/4"
- +48V Phantom power
- **Display** : 7 Segment level meter
- Effect send & return with level control
- Built-in echo
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 9.8W
- **Weight** : 2.5kg/5.5lb
- **Dimensions** : 302.5(W)x76.5(H)x244(D)mm/12(W)x3(H)x9.6(D)in



MX-1243 Audio Mixer

- **Input Section** : 12 Mono input, trim pot with mic/line selector
3 Band equalizer : High, low : ± 15 dB
Mid : ± 12 dB
4 AUX send and 2 stereo AUX return
pan pot, PFL on/off switch, balanced XLR
mic input unbalanced 1/4" line input
- **Output Section** : Main L/R, mono out
4 AUX send and 2 stereo AUX return
Display : 10 Segment level meter for L/R,
mono output +48V phantom power
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 25W
- **Weight** : 7.5kg/16.5lb
- **Dimensions** : 482(W)x104(H)x310(D)mm/19(W)x4(H)x12.2(D)in



Mixing Consoles



RMX-1426 4 PGM Audio Mixer

- **Input Section** : 6 Mono input, 4 stereo input, SUB in trim pot with mic/line selector
 2 Band Equalizer : High, Low : $\pm 15\text{dB}$
 1 AUX, 1 EFX send and stereo return pan pot, PFL switch
 out assign switch

- **Output Section** : PGM insert & output, stereo out, 1 AUX, 1 EFX send monitor switch
 Display : 10 Segment level meter for PGM 1~4, ST L/R & monitor L/R
 +48V phantom power

- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
 (supplied AC mains transformer depends on country requirements)

- **Power Consumption** : 31W

- **Weight** : 7.5kg/16.5lb

- **Dimensions** : 482(W)x104(H)x310(D)mm/19(W)x4(H)x12.2(D)in



LM-9414 4 BUS Mic/Line Mixer

- **Input Section** : Mono : 6 with 2 AUX send, pan pot
 Stereo : 4 with 2 AUX send, balance control
 Gain Selector Switch : -20dB, -10dB, +4dB
 Common : 3 Band equalizer($\pm 12\text{dB}$)
 PFL on/off switch
 Output Selector Switch : stereo, 1/2, 3/4

- **Output Section** : Stereo, bus 1, 2, 3, 4 output
 Display : 7 Segment level meter for 1, 2, 3, 4, L/R, PFL, monitor
 On switch(at output)
 +24V Phantom power
 2 AUX send and stereo return

- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz, DV 24V
 (supplied AC mains transformer depends on country requirements)

- **Power Consumption** : 30W

- **Weight** : 8.3kg/18.3lb

- **Dimensions** : 482(W)x177(H)x280(D)mm/19(W)x7(H)x11(D)in



CMX-1668/2468/3268 8 BUS Mixing Console

• Input Section :

Mono : 16/24/32 Balanced mono input & tape return input trim pot with mic/line select, line, mic/tape return Select, 80Hz HPF 4 band equalizer(±15dB) with sweepable mid-hi (800Hz ~ 8kHz), mid-lo (160Hz ~ 1.6kHz)
 AUX 1/2/3/4 : Pre, AUX 5/6 : Pre or post and changeable to AUX 7/8 MIX-B level pot & pan pot, SPLIT EQ (assigns hi & lo EQ) pan pot, ch mute, solo, 100mm fader balanced XLR mic input, 1/4" line, unbalanced insert, direct output

Stereo : 4 Stereo input, 2band equalizer (±15dB)
 AUX 1/2 : Pre Channel 1/3, AUX 3/4 : Post channel 2/4, balance control, 45mm fader

•Output Section : Group 1, 2, 3, 4, 5, 6, 7, 8, MIX L/R, mono, MIX-B, studio, control room, headphone 8 AUX send and 6 stereo return with level control
 Display : 10 Segment level meter for group 1 ~ 8, MIX-L/R or mono (by selector switch)
 +48V phantom power
 BNC lamp connector for DC 12V lamp
 talk back (AUX 1/2, 3/4, 5/6, 7/8, MIX L/R, group 1/2, 3/4, 5/6, 7/8 on /off)

•Power Source : Requires RS-3200 power supply

•Weight : CMX-1668 : 27kg/59.6lb, CMX-2468 : 32.2kg/71lb, CMX-3268 : 39.5kg/87lb

•Dimension : CMX-1668 : 930(W)x128(H)x623(D)mm/36.6(W)x5(H)x24.5(D)in
 CMX-2468 : 1154(W)x128(H)x623(D)mm/45.4(W)x5(H)x24.5(D)in
 CMX-3268 : 1383(W)x128(H)x623(D)mm/54.4(W)x5(H)x24.5(D)in



RS-3200 Power Supply

• Fuses : DC : ±18V (5A/250V), +48V (2A/250V)

AC : UL/CSA model (6A/250V), general model (3.15A/250V)

• DC Output Voltage : ±18V at 2.5A, +48V at 0.8A, +15V at 1A, +5V at 2A

• Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)

• Power Consumption : 240W

• Weight : 18kg/39.7lb

• Dimension : 482(W)x132(H)x280(D)mm /19(W)x5.2(H)x11(D)in



Mixing Consoles



MX-1424/1424A EX/1824/1824A EX Professional Stereo Mixer

• Input Section :

Mono : 6, 10 Balanced mono input, trim control,
3 Band equalizer(high/low : $\pm 15\text{dB}$, mid : $\pm 12\text{dB}$),
AUX 1 : Pre, AUX2 : Post, mute(ALT 3/4) switch,
solo switch, balanced XLR mic input,
1/4" line, insert pan pot, 60mm fader
Stereo : 4 Stereo input, 2 band equalizer($\pm 15\text{dB}$),
trim control, AUX 1 : Pre, AUX2 : Post
mute(ALT 3/4) switch, solo switch,
balance control, 60mm fader

• **Output Section** : Main-mix, ALT 3/4, headphone
2 AUX send and 2 stereo return
with level control tape in and control room
with level control

• **Display** : 10 Segment level meter for stereo L/R, ALT 3/4 and
tape in (by selector SW)

• +48V Phantom power

• **DSP & EQ** : 8 Programmed 24bit digital effect and
7 band graphic equalizer(only MX-1424A EX/1824A EX)

• **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)

• **Power Consumption** : 30W

• **Weight** : MX-1424/1424A EX : 7kg/15.4lb
MX-1824/1824A EX : 8kg/17.6lb

• **Dimensions** : MX-1424/1424A EX : 482(W)x90(H)x354(D)mm
19(W)x3.5(H)x14(D)in
MX-1824/1824A EX : 556(W)x90(H)x354(D)mm
21.8(W)x3.5(H)x14(D)in



MX-1436/1436EX/1836/1836EX/ 2236/2236EX Stereo Mixing Console

• Input Section :

Mono : 6, 10, 14 Balanced mono input, trim control,
80Hz H.P.F 3 band equalizer($\pm 15\text{dB}$)
with mid sweepable,
AUX 1 : Pre, AUX2 : Pre or Post EFX : Rev
solo/PFL switch, mix L/R, group 1/2
and 3/4 select switch balanced XLR mic input,
1/4" line, insert pan pot, 60mm fader
Stereo : 4 Stereo input, 4 band equalizer(high/low : $\pm 15\text{dB}$,
hi-mid/low-mid : $\pm 12\text{dB}$), trim control,
AUX 1 : Pre, AUX2 : Pre or post,
EFX : Rev mute switch, solo/PFL switch,
group 1/2 and 3/4 select switch balance control,
60mm fader

• **Output Section** : Main-mix, group1, 2, 3, 4, headphone,
mono 2 AUX send/1 EFX send
and 2 stereo return with level control tape in
and control room with level control

• **Display** : 10 Segment level meter for stereo L/R , group1/2, 3/4 and
tape in (by selector SW)

• +48V Phantom power

• **Multi mode Effect** : 32 Bit sharc DSP 8 bank 32 preset effect
and threshold control, 9 band digital graphic
equalizer(only MX-1436EX/1836EX/2236EX)

• **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz, DV 24V
(supplied AC mains transformer depends on country requirements)

• **Power Consumption** : 40W

• **Weight** : MX-1436/1436EX : 7kg/15.4lb
MX-1836/1836EX : 8kg/17.6lb
MX-2236/2236EX : 9kg/19.8lb

• **Dimensions** : MX-1436/1436EX : 482(W)x90(H)x354(D)mm
19(W)x3.5(H)x14(D)in
MX-1824/1836EX : 556(W)x90(H)x354(D)mm
21.8(W)x3.5(H)x14(D)in
MX-2236/2236EX : 672(W)x90(H)x354(D)mm
26.4(W)x3.5(H)x14(D)in



PC-1235 Stereo Powered Mixer

• AMP Section :

Rated Power : 350W x 2CH @ 4 Ω at less than 0.1% THD

• Mixer Section :

Input : Mono : 8 Balanced, 3 band equalizer(±15dB) with sweepable mid(250Hz ~ 5kHz), monitor 1, 2, EFX 1, 2/rev, pan pot

Stereo : 2 Input, 3 band equalizer(±15dB) monitor 1, 2, EFX 1, 2/rev, balance control

Output : Stereo L/R, mono, 7 band stereo GEQ(±12dB) with 63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.4kHz, 15kHz
2 EFX send and stereo return, 2 monitor output tape in and REC out, +48V phantom power

Display : 10 Segment LED meter for stereo L/R or monitor 1/2 with selector switch

DSP Feature : 16 Programs x 16 Parameters(256 preset effects), 16 bit digital signal processor, 44.1kHz sampling frequency

Program Function : 1.Delays + Delays, 2.Gates + Reverse, 3.Delays / Flanger, 4.Flanger / Chorus + Flanger /Chorus, 5.Gated Reverb, 6. Reverb / Delays, 7.Delay / Reverb / Flanger, 8.Reverb + Flanger, 9.Reverb / Delay + Flanger / Chorus, 10.Reverb / Flanger, 11.Reverbs1, 12.Reverb2 + Reverb2, 13.Reverb + Reverb, 14.Reverb2, 15.Delays, 16.Delays + Gated Reverb

Connector : XLR for balanced mic input per mono channel
1/4" for balanced line input, 1/4" insert per input channel 1/4" and speakon for amp out stereo insert L/R

• Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)

• Power Consumption : 510W

• Weight : 23kg/50.7lb

• Dimensions : 510(W)x175(H)x510(D)mm/20(W)x6.9(H)x20(D)in



PC-1650 Stereo Powered Mixer

• AMP Section :

Rated Power : 500W x 2CH @ 4 Ω at less than 0.1% THD

• Mixer Section :

Input : Mono : 12 Balanced, 3 band equalizer(±15dB) with sweepable mid(250Hz ~ 5kHz) monitor 1, 2, EFX 1,2/rev, pan pot

Stereo : 2 Input, 3 band equalizer(±15dB) monitor 1, 2, EFX 1, 2/rev, balance control

Output : Stereo L/R, mono, 7 band stereo GEQ(±12dB) with 63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.4kHz, 15kHz
2 EFX send, stereo return, 2 monitor output tape in and REC out, +48V phantom power

Display : 10 Segment LED meter for stereo L/R or monitor 1/2 with selector switch

DSP Feature : 16 Programs x 16 Parameters (256 preset effects) 16 bit digital signal processor, 44.1kHz sampling frequency

Program Function : 1.Delays + Delays, 2.Gates + Reverse, 3.Delays / Flanger, 4.Flanger / Chorus + Flanger /Chorus, 5.Gated Reverb, 6. Reverb / Delays, 7.Delay / Reverb / Flanger, 8.Reverb + Flanger, 9.Reverb / Delay + Flanger / Chorus, 10.Reverb / Flanger, 11.Reverbs1, 12.Reverb2 + Reverb2, 13.Reverb + Reverb, 14.Reverb2, 15.Delays, 16.Delays + Gated Reverb

Connector : XLR for balanced mic input per mono channel
1/4" for balanced line input, 1/4" insert per input channel. 1/4" and speakon for amp out stereo insert L/R

• Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)

• Power Consumption : 720W

• Weight : 30kg/66.1lb

• Dimensions : 702(W)x175(H)x510(D)mm/27.6(W)x6.9(H)x20(D)in



Powered Mixers



PX-1650

Stereo Powered Mixer Built In X-Over

• AMP Section :

Rated Power : 250W x 4CH @ 4 Ω at less than 0.5% THD

• Mixer Section :

Input : Mono : 12 Balanced, 3 band equalizer(±15dB) with sweepable mid(250Hz ~ 5kHz) monitor 1, 2, EFX 1,2/rev, pan pot

Stereo : 2 Input, 3 band equalizer(±15dB) monitor 1, 2, EFX 1, 2/rev, balance control

Output : Stereo L/R, mono, 7 band stereo GEQ(±12dB) with 63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.4kHz, 15kHz 2 EFX send, stereo return, 2 monitor output tape in and REC out, +48V phantom power

Display : 10 Segment LED meter for stereo L/R or monitor 1/2 with selector switch

DSP Feature : 16 Programs X 16 Parameters (256 preset effects) 16 bit digital signal processor, 44.1kHz sampling frequency

Program Function : 1.Delays + Delays, 2.Gates + Reverse, 3.Delays / Flanger, 4.Flanger / Chorus + Flanger /Chorus, 5.Gated Reverb, 6. Reverb / Delays, 7.Delay / Reverb / Flanger, 8.Reverb + Flanger, 9.Reverb / Delay + Flanger / Chorus, 10.Reverb / Flanger, 11.Reverbs1, 12.Reverb2 + Reverb2, 13.Reverb + Reverb, 14.Reverb2, 15.Delays, 16.Delays + Gated Reverb

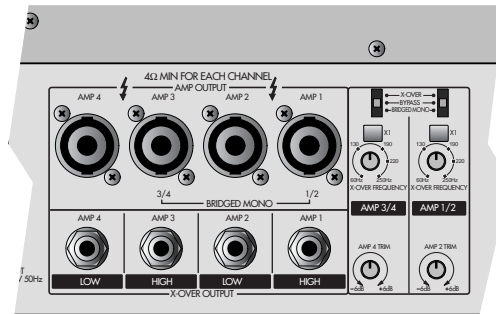
Connector : XLR for balanced mic input per mono channel 1/4" for balanced line input, 1/4" insert per input channel. 1/4" and speakon for amp output stereo insert L/R

• **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)

• **Power Consumption** : 760W

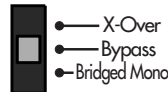
• **Weight** : 35kg/13.8lb

• **Dimensions** : 702(W)x175(H)x510(D)mm/27.6(W)x6.9(H)x20(D)in



• X - Over Section

• **Mode Selector**: X-over, bypass or bridge mono operation is chosen by the mode selector



X-over : AMP 1 Output-High, AMP 2 Output-Low, AMP 3 Output-High, AMP 4 Output-Low

Bypass : AMP 1/2 - Left, AMP 3/4 - Right

Bridge Mono : 1/2 - Left, AMP 3/4 - Right

• **Frequency Range Selector** : Crossover frequencies from 60Hz to 250Hz or 600Hz to 2.5kHz respectively are chosen by the range switch

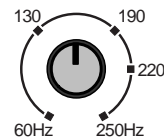


X1 : 60Hz to 250Hz



X10 : 600Hz to 2.5kHz

• Crossover Frequency Control :



Crossover frequencies are set by adjusting the X-over frequency control

• Setting Crossover Frequencies :

These operate in two switchable ranges, from 60Hz to 250Hz, and 600Hz to 2.5kHz

Crossover points beyond those frequencies are seldom required. The slope is 24dB/octave, and filters are the universally acclaimed linkwitz-riley type

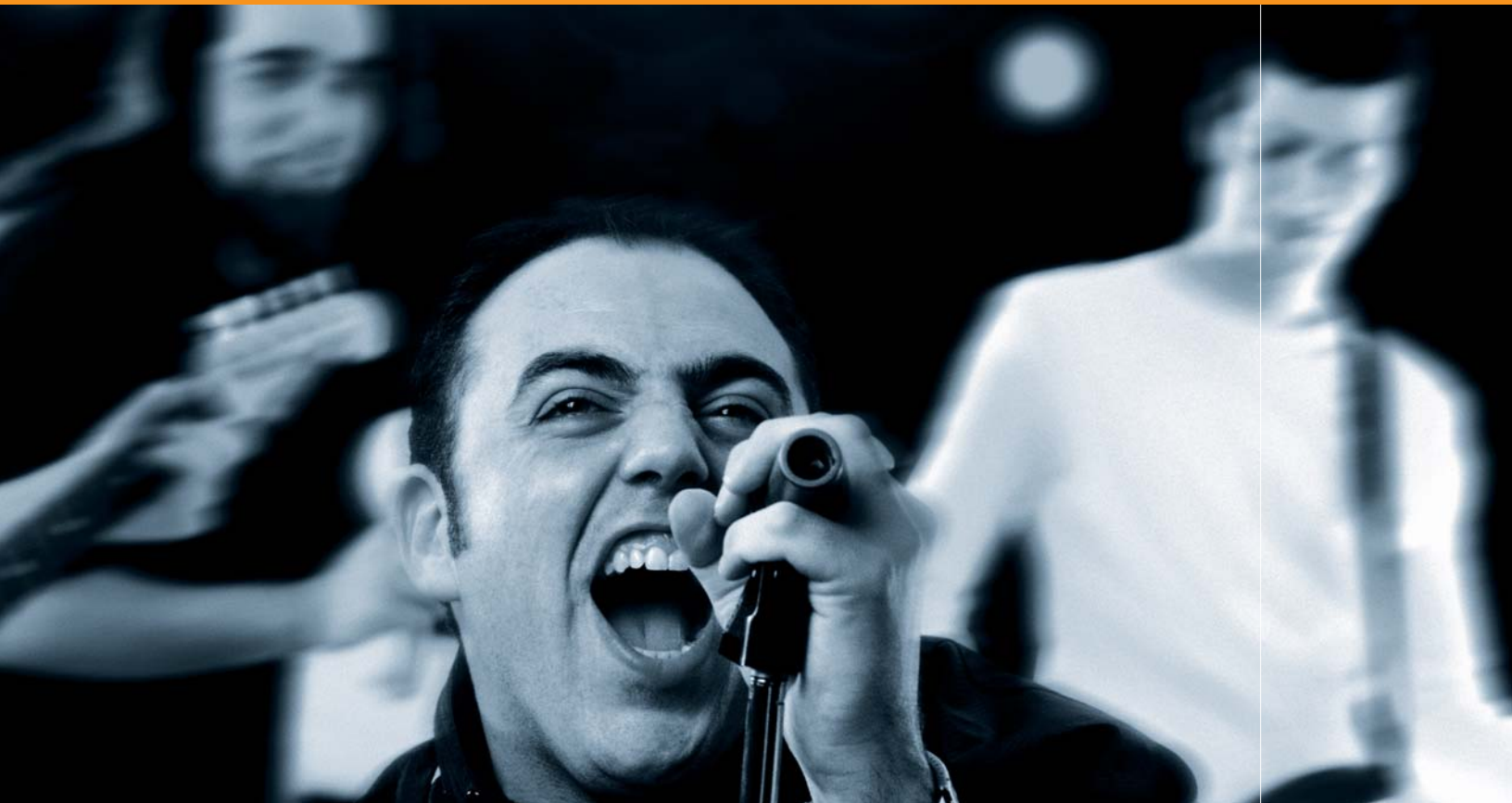
If extremely high power levels are expected, it is better to protect the high frequency drivers and shift the crossover point up in frequency rather than down

• Gain Control :

The low-output gain levels are selected by this control (-6dB to +6dB)

• Built in HPF(35Hz, 18dB/octave) to attenuate low frequency sounds and rumble





CA-5115D/5130D Mono Powered Mixer

• AMP Section :

Rated Power : CA-5115D : 150W@4Ω at less than 1% THD
 CA-5130D : 300W@4Ω at less than 1% THD

• Mixer Section :

Input : 5 Mono channels, monitor, EFX,
 2 band equalizer(±12dB) 1/4" for unbalanced
 line input, XLR balanced mic input
 Output : Master
 5 band GEQ(±12dB) with 100Hz, 340Hz, 1kHz,
 3.4kHz, 10kHz
 1 EFX send and EFX return, 1 monitor output,
 mix output aux In(tape and CD)
 +48V phantom power

• Power Source : 100~120VAC or 220~240VAC; 50/60Hz
 (supplied AC mains transformer depends on country requirements)

• Power Consumption : CA-5115D : 120W, CA-5130D : 230W

• Weight : CA-5115D : 12kg/26.4lb, CA-5130D : 15kg/33lb

• Dimensions : 536(W)x193(H)x295(D)mm/21(W)x7.6(H)x11.6(D)in



CA-8130D Mono Powered Mixer

• AMP Section :

Rated Power : 300W@4Ω at Less Than 1% THD

• Mixer Section :

Input : 8 Mono channels monitor, EFX
 2 band equalizer (±12dB)
 1/4" for unbalanced line input
 XLR balanced mic input
 Output : Master
 5 band GEQ(±12dB) with 100Hz, 340Hz, 1kHz,
 3.4kHz, 10kHz 1 EFX send and EFX return,
 1 monitor output, mix output
 AMP In, Aux In(Tape and CD)
 +48V phantom power
 Digital Effect : Vocal, L-hall, S-hall

• Power Source : 100~120VAC or 220~240VAC; 50/60Hz
 (supplied AC mains transformer depends on country requirements)

• Power Consumption : 230W

• Weight : 14kg/30.8lb

• Dimensions : 470(W)x300(H)x250(D)mm/18.5(W)x11.8(H)x19.8(D)in



New



SFX-8445/8460 Stereo Powered Mixer

• Maximum :

SFX-8445 : Rated Power : 450W x 2CH@2 Ω at less than 0.5% THD
 300W x 2CH@4 Ω at less than 0.5% THD
 200W x 2CH@8 Ω at less than 0.5% THD
SFX-8460 : Rated Power : 600W x 2CH@2 Ω at less than 0.5% THD
 450W x 2CH@4 Ω at less than 0.5% THD
 300W x 2CH@8 Ω at less than 0.5% THD

• Mixer Section :

Input : 8 Mono channels / 4 stereo channels monitor, EFX, AUX return 1/2 amp in L/R, tape in 3 band equalizer(high/low/mid : ± 12 dB)
 1/4 " for insert input, combo balanced input

Output : Main L/R, monitor

dual 9 band GEQ(± 12 dB) with 63Hz, 125Hz, 250Hz, 500Hz, 1kHz, 2kHz, 4kHz, 8kHz, 16kHz
 EFX send and REC Out, main out L/R, monitor output, +48V phantom power

Display : 10 Segment level meter for master L/R, master

Digital Effect : 24 bit digital effects

- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
 (supplied AC mains transformer depends on country requirements)
- **Power Consumption** : SFX-8445 : 350W, SFX-8460 : 450W
- **Weight** : SFX-8445 : 21kg/46.3lb, SFX-8460 : 23kg/50lb
- **Dimensions** : 518(W)x324(H)x324(D)mm/20.4(W)x12.7(H)x12.7(D)in



CA-6215 2 CH Powered Mixer

• AMP Section :

Rated Power : 150W x 2CH @ 4 Ω at less than 0.5% THD

• Mixer Section :

Input : 6 Mono channels
 monitor, EFX
 3 band equalizer(high/low : ± 15 dB, mid : ± 12 dB)
 1/4 " for balanced hi-z input
 XLR balanced low-z input

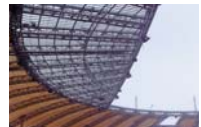
Output : Main, monitor

7 band stereo GEQ(± 12 dB) with 63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.4kHz, 15kHz
 EFX send and AUX in, 1monitor output
 tape in and REC out
 +48V phantom power

Display : 7 Segment level meter for master L/R

Digital Effect : Vocal, L-hall, S-hall

- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
 (supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 270W
- **Weight** : 15kg/33lb
- **Dimensions** : 485(W)x275(H)x275(D)mm/19(W)x10.8(H)x10.8(D)in



CA-8320 Powered Mixer

• AMP Section :

Rated Power : 200W x 3CH @ 4 Ω at less than 0.5% THD

• Mixer Section :

Input : 6 Mono channels, 2 stereo
 EFX, tape input
 3 band equalizer(high/low : ± 15 dB, mid : ± 12 dB)
 1/4 " for balanced hi-z input
 XLR balanced low-z input

Output : Main L/R, monitor

7 Band stereo GEQ(± 12 dB) with 63Hz, 160Hz, 400Hz, 1kHz, 2.5kHz, 6.4kHz, 15kHz
 EFX send and AUX in, 1monitor output
 tape in and REC out
 +48V phantom power

Display : 7 Segment level meter for master L/R

Digital Effect : Vocal, L-hall, S-hall

- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
 (supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 517W
- **Weight** : 20kg/44lb
- **Dimensions** : 480(W)x277(H)x320(D)mm/18.9(W)x10.9(H)x12.6(D)in

Power Amplifiers



R150 PLUS/300 PLUS/500 PLUS Reference Series Amplifier

- **Controls** : Front : Power on/off switch, attenuator, LED indicator
Rear : Mode Selector Switch : Stereo/bridged mono
- **Connectors** : Input : XLR, 1/4" (balanced) per channel
Output : 5-way binding post and speakon per channel
- **Indicators** : Power : Green Protection : Red
Clip : Red Signal : Green
- **Protection** : Turn on delay, thermal, DC fault, PC limiter
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- **Power Consumption** : R150 PLUS : 170W, R300 PLUS : 250W, R500 PLUS : 480W
- **Weight** : R150 PLUS : 7.2kg/15.9lb, R300 PLUS : 8.4kg/18.5lb, R500 PLUS : 10.4kg/23lb
- **Dimensions** : 482(W)x88(H)x317(D)mm
19(W)x3.5(H)x12.5(D)in



L800/1400/1800/2400 Live Series Amplifier

- **Controls** :
Front : Power on/off switch, attenuator, LED indicators
Rear : Mode selector switch : Stereo/bridged mono/parallel
HPF 50Hz/30Hz/off switch, limiter on/off switch
- **Connectors** : Input : Combination jack and XLR jack(link)
Output : 5-Way binding post and speakon per channel
- **Indicators** : Power : Blue Protection : Red Clip/Limiter : Red
Signal : Green Mode Selector : Yellow
- **Filters** : 30Hz HPF, 50Hz HPF
- **Protection** : Turn on delay, thermal, DC fault, PC limiter, RF, clip-limiter, full short circuit, open circuit
- **Fan Speed** : Continuously variable speed fan, front to rear air flow
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- **Power Consumption** : L800 : 660W(3A), L1400 : 770W(3.5A), L1800 : 880W(4A), L2400 : 990W(4.5A)
- **Weight** : L800 : 14kg/30.8lb, L1400 : 14.4kg/31.7lb, L1800 : 15kg/33lb, L2400 : 15.6kg/34.3lb
- **Dimension** : 482(W)x88(H)x369(D)mm/19(W)x3.5(H)x14.5(D)in

SPEC	MODEL	R150 PLUS	R300 PLUS	R500 PLUS
Rated output power				
at 8 Ω 1kHz(Stereo CH)		50W	100W	170W
at 4 Ω 1kHz(Stereo CH)		75W	150W	250W
at 8 Ω 1kHz(Bridged mono)		150W	300W	500W
Input Sensitivity (8 Ω, 1kHz)		0.775Vrms		
Input Impedance		10k Ω Unbalanced/20k Ω balanced		
Slew Rate (8 Ω, Full Swing)		±30V/μsec		
Frequency Response (±0.5dB)		20Hz ~ 50kHz		
Total Harmonic Distortion f=20Hz ~ 20kHz, Half Power		Less than 0.03%		
Signal to Noise Ratio		105dB		
Damping Factor (8 Ω, 1kHz)		100		
Residual Noise		-85dB		
Channel Separation (8 Ω, 1kHz)		80dB		
Voltage Gain (4 Ω)		27dB	30dB	32dB

SPEC	MODEL	L800	L1400	L1800	L2400
Rated Output					
at 8 Ω 1kHz (Per CH)		200W	280W	360W	500W
at 4 Ω 1kHz (Per CH)		300W	450W	600W	750W
at 2 Ω 1kHz (Per CH)		430W	700W	900W	1200W
at 8 Ω 1kHz (Bridged Mono)		600W	900W	1200W	1500W
at 4 Ω 1kHz (Bridged Mono)		800W	1400W	1800W	2400W
Input Sensitivity (8 Ω, 1kHz)		2.7dB	2.7dB	3.5dB	3.5dB
Input Impedance		10k Ω Unbalanced/20k Ω balanced			
Slew Rate (8 Ω, Full Swing)		±40V/μsec			
Frequency Response (±0.5dB)		12Hz ~ 35kHz			
Total Harmonic Distortion f=20Hz ~ 20kHz, Half Power		Less than 0.03%			
Signal to Noise Ratio		100dB			
Damping Factor (8 Ω, 1kHz)		400			
Residual Noise		-75dB			
Channel Separation (8 Ω, 1kHz)		-80dB			
Voltage Gain (4 Ω)		30dB	31dB	33dB	34dB



M500/700/1000/1500/2000

Majestic Series Amplifier

- **Controls** : Front : Power on/off switch, attenuator, LED indicator
Rear : Mode Selector Switch : Stereo/
bridged mono/parallel
- **Connectors** : Input : Combination jack and XLR(Link)
Output : 5-Way binding post and speakon per
channel
- **Indicators** : Power : Red Protection : Red
Clip : Orange Signal : Green
- **Protection** : Turn on delay, thermal, DC fault, PC limiter
- **Self-offset control function**
- **Fan Speed** : 50 °C(122 °F) ~ 60 °C(140 °F)
continuously variable speed fan
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : M500 : 420W, M700 : 520W,
M1000 : 770W, M1500 : 950W,
M2000 : 1300W
- **Weight** : M500 : 12kg/26.4lb, M700 : 15kg/33lb,
M1000 : 17kg/37.5lb, M1500 : 20kg/44lb,
M2000 : 23kg/50.7lb
- **Dimensions** : M500/700/1000 : 482(W)x88(H)x369(D)mm
19(W)x3.5(H)x14.5(D)in
M1500/2000 : 482(W)x132(H)x369(D)mm
19(W)x5.2(H)x14.5(D)in

SPEC	MODEL				
	M500	M700	M1000	M1500	M2000
Rated Output Power					
at 8 Ω 1kHz(Per CH)	150W	220W	330W	510W	710W
at 4 Ω 1kHz(Per CH)	250W	350W	500W	750W	1000W
at 8 Ω 1kHz(Bridged Mono)	500W	700W	1000W	1500W	2000W
Input Sensitivity (8 Ω, 1kHz)	0.775Vrms				
Input Impedance	10k Ω Unbalanced/20k Ω balanced				
Slew Rate (8 Ω, Full Swing)	±40V/μsec				
Frequency Response (±0.5dB)	10Hz ~ 35kHz				
Total Harmonic Distortion	Less than 0.05%				
f=20Hz ~ 20kHz, Half Power					
Signal to Noise Ratio	100dB				
Damping Factor (8 Ω, 1kHz)	150				
Residual Noise	-75dB				
Channel Separation(8 Ω, 1kHz)	80dB				
Voltage Gain (4 Ω)	30dB	33.5dB	35dB	37dB	38.2dB



CM5.5/7.5/10.5/15.5/20.5

Power Amplifier

- **Controls** : Front : Power On/Off Switch, Attenuator,
LED Indicator, Clip/Limiter SW
Rear : Mode Selector Switch : Stereo/Bridged
Mono/Parallel
- **Connectors** : Input : Combination jack and XLR(Link)
Output : 5-Way binding post and speakon
per channel
- **Indicators** : Power : Red Protection : Red
Clip : Orange Signal : Green
- **Protection** : Turn On Delay, Thermal, DC Fault, PC Limiter,
Clip/Limiter
- **Self-Offset Control Function**
- **Fan Speed** : 50 °C(122 °F) ~ 60 °C(140 °F)
Continuously Variable Speed Fan
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : CM5.5 : 420W, CM7.5 : 520W,
CM10.5 : 770W, CM15.5 : 950W,
CM20.5 : 1300W
- **Weight** : CM5.5 : 12kg/26.4lb, CM7.5 : 15kg/33lb,
CM10.5 : 17kg/37.5lb, CM15.5 : 20kg/44lb,
CM20.5 : 23kg/50.7lb
- **Dimensions** : CM5.5/7.5/10.5 : 482(W)x88(H)x369(D)mm
19(W)x3.5(H)x14.5(D)in
CM15.5/20.5 : 482(W)x132(H)x369(D)mm
19(W)x5.2(H)x14.5(D)in

SPEC	MODEL				
	CM5.5	CM7.5	CM10.5	CM15.5	CM20.5
Rated Output Power					
at 8 Ω 1kHz(Per CH)	175W	230W	340W	510W	700W
at 4 Ω 1kHz(Per CH)	270W	360W	510W	800W	1100W
at 8 Ω 1kHz(Bridged Mono)	550W	720W	1050W	1600W	2100W
Input Sensitivity (8 Ω, 1kHz)	0.775Vrms				
Input Impedance	10k Ω Unbalanced/20k Ω balanced				
Slew Rate (8 Ω, Full Swing)	±40V/μsec				
Frequency Response (±0.5dB)	10Hz ~ 35kHz				
Total Harmonic Distortion	Less than 0.1%				
f=20Hz~20kHz, Half Power					
Signal to Noise Ratio	100dB				
Damping Factor (8 Ω, 1kHz)	150				
Residual Noise	-75dB				
Channel Separation (8 Ω, 1kHz)	-80dB				
Voltage Gain (4 Ω)	31dB	33.5dB	35dB	37dB	38.2dB



Power Amplifiers



P2000/3200 Professional Series Amplifier

- **Controls** : Front : Power on/off switch, attenuator, LED indicator
Rear : Mode Selector Switch : Stereo
bridged mono/parallel
Connectors : Input : Combination jack and XLR(link)
Output : 5-Way binding post
and speakon per channel,
speakon for mono
- **Indicators** : Power : Green Protection : Red Clip : Red
Signal : -30dB : Orange, -15dB : Orange
- **Protection** : Turn on delay, thermal, DC fault,
PC limiter : RL < 2Ω RF, inrush current
clip-limiter, output short
- **Fan Speed** : Continuously variable speed fan
- **Power Supply** : Dual power supply with toroidal transformer
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : P2000 : 800W, P3200 : 1100W
- **Weight** : P2000 : 24.5kg/54lb, P3200 : 25kg/55lb
- **Dimensions** : 482(W)x132(H)x437(D)mm/19(W)x5.2(H)x17.2(D)in

SPEC	MODEL	P2000	P3200
Rated Output Power			
at 8 Ω 1kHz(Per CH)		500W	750W
at 4 Ω 1kHz(Per CH)		750W	1200W
at 2 Ω 1kHz(Per CH)		1000W	1400W
at 8 Ω 1kHz(Bridged Mono)		1500W	2400W
at 4 Ω 1kHz(Bridged Mono)		2000W	3200W
Input Sensitivity (8 Ω, 1kHz)		1Vrms	
Input Impedance		10k Ω Unbalanced/20k Ω Balanced	
Slew Rate (8 Ω, Full Swing)		±40V/μsec	
Frequency Response (±0.5dB)		12Hz ~ 35kHz	
Total Harmonic Distortion f=20Hz ~ 20kHz, Half Power		Less than 0.1%	
Signal to Noise Ratio		104dB	
Damping Factor (8 Ω, 1kHz)		200	
Residual Noise		-70dB	
Channel Separation (8 Ω, 1kHz)		78dB	
Voltage Gain (4 Ω)		36dB	37dB



EMI-300 Mixing Amplifier

- **Amp Section** :
Rated Power : 2 x 150W @ 4 Ω at less than 0.5% THD
2 x 300W @ 8 Ω (Bridged Mono) at less
than 0.5% THD Limiter for internal power
Amplifiers to eliminate overload distortion
- **Preamp Section** :
Input : 5 x Line Input
2 x Mic Input (Mic1 has a "Ducking" function)
2 Insert
Output : REC Out L/R
Master 2 Out L/R
Master 1 Mono Sub Out (Lowpass 100Hz/12dB)
2 Band Equalizer (6dB Bass and Treble)
Display : 2 x 5 Segment Level Meter for Amp 1 and Amp 2
2 x 1 Segment for limit
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 261W
- **Weight** : 13kg/28.6lb
- **Dimensions** : 483(W)x90(H)x383(D)mm/19(W)x3.5(H)x15(D)in



OT-4240/4480/4960

Output Transformer Unit

- OT-4240/4480/4960 Transforms the 4 ohm output of the
QD-4240/4480/4960 to a 70V or 100V level for use
with high impedance speakers.
- Expansion line out for QD-4240/4480/4960.
- **Weight** : OT-4240 : 11.5kg/25.3lb, OT-4480 : 14.5kg/32lb,
OT-4960 : 21.5kg/47.4lb
- **Dimensions** :
OT-4240/4480 : 482(W)x88(H)x310(D)mm/19(W)x3.5(H)x12.2(D)in
420(W)x88(H)x310(D)mm/16.5(W)x3.5(H)x12.2(D)in
OT-4960 : 482(W)x132(H)x310(D)mm/19(W)x5.2(H)x12.2(D)in
420(W)x132(H)x310(D)mm/16.5(W)x5.2(H)x12.2(D)in
W/optional rack mount kit



QD4240/4480/4960

Quad Series Amplifier

- **Controls** : Front : Power on/off switch, attenuator, LED indicator
Rear : Mode Selector Switch : Stereo/bridged mono/parallel
- **Connectors** : Input : Combination jack
Output : 5-Way binding post
- **Indicators** : Power : Red Protection : Red
Clip : Red Signal : Green
- **Protection** : Turn on delay, thermal, DC fault, PC limiter
- **Fan Speed** : 50 °C(122 °F) ~ 60 °C(140 °F)
continuously variable speed fan
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : QD4240:300W, QD4480:420W,
QD4960:770W
- **Weight** : QD4240 : 11.5kg/25.3lb, QD4480 : 15.5kg/34.2lb,
QD4960 : 17kg/37.5lb
- **Dimensions** : 482(W)x88(H)x369(D)mm/19(W)x3.5(H)x14.5(D)in

SPEC	MODEL	QD4240	QD4480	QD4960
Rated Output Power				
at 8 Ω 1kHz(Per CH)		40W	80W	170W
at 4 Ω 1kHz(Per CH)		60W	120W	240W
at 8 Ω 1kHz(Bridged Mono)		120W	240W	480W
Input Sensitivity (8 Ω, 1kHz)		0.775Vrms		
Input Impedance		10k Ω Unbalanced/20k Ω balanced		
Slew Rate (8 Ω, Full Swing)		±30V/μsec		
Frequency Response (±0.5dB)		20Hz ~ 50kHz		
Total Harmonic Distortion		Less than 0.03%		
f=20Hz ~ 20kHz, Half Power				
Signal to Noise Ratio		105dB		
Damping Factor (8 Ω, 1kHz)		100		
Residual Noise		-85dB		
Channel Separation (8 Ω, 1kHz)		80dB		
Voltage Gain (4 Ω)		26dB	29dB	32dB



QX4960

Professional Quad Amplifier Built In Crossover

- **Controls** : Front : Power on/off switch, attenuator, LED indicator
Rear : Mode Selector Switch : Stereo/bridged mono/parallel
X-Over Switch : Bypass/X-over/X-over x 10
X-Over frequency control
- **Active Crossover** :
Crossover Frequency : From 60Hz to 250Hz or 600Hz to 2.5kHz
Crossover Slope : 24dB/octave rolloff (linkwitz - riley filter)
Low Filter : 40Hz(12dB/octave)
- **Connectors** : Input : Combination jack
Output : 5Way binding post
- **Indicators** : Power : Red Protection : Red
Clip : Red Signal : Green
- **Protection** : Turn on delay, thermal, DC fault, PC limiter
- **Fan Speed** : 50 °C(122 °F) ~ 60 °C(140 °F)
continuously variable speed fan
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 770W • **Weight** : 17kg/37.5lb
- **Dimensions** : 482(W)x88(H)x369(D)mm/19(W)x3.5(H)x14.5(D)in

SPEC	MODEL	QX4960
Rated Output Power		
at 8 Ω 1kHz(Per CH)		170W
at 4 Ω 1kHz(Per CH)		240W
at 8 Ω 1kHz(Bridged Mono)		480W
Input Sensitivity (8 Ω, 1kHz)		0.775Vrms
Input Impedance		10k Ω Unbalanced/20k Ω balanced
Slew Rate (8 Ω, Full Swing)		±30V/μsec
Frequency Response (±0.5dB)		20Hz ~ 50kHz
Total Harmonic Distortion		Less than 0.03%
f=20Hz ~ 20kHz, Half Power		
Signal to Noise Ratio		105dB
Damping Factor (8 Ω, 1kHz)		100
Residual Noise		-85dB
Channel Separation (8 Ω, 1kHz)		80dB
Voltage Gain (4 Ω)		32dB
Crossover Frequency		60Hz ~ 2.5kHz(Sweepable)
Crossover Cutoff Slope		24dB/octave Roll/Off



CD-3500 Multiple Compact Disc Player

- 5 Disc CD changer • Direct track selection
- Intelligent disc scan • 2 Track program memory
- 20 bit, 8 times oversampling digital filter
- 3 Mode random playback
- **Power Source** : 100~120VAC or 220~240VAC; 50/60Hz
(supplied AC mains transformer depends on country requirements)
- **Power Consumption** : 12W • **Weight** : 7.1kg/15.6lb
- **Dimensions** : 482(W)x132(H)x389(D)mm
19(W)x5.2(H)x15.3(D)in





MEQ-2000 (DSP blue)

Multimode Equalizer

- High-end 24-bit 96 kHz A/D and D/A converters
- Digital I/O on AES/EBU or S/PDIF with comprehensive sample rate conversion
Input Rates : 20 ~ 100 kHz, output rates : 32, 44.1, 48, 64, 88.2, 96 kHz
- Superior THD+N performance (< 0.001%) for the crystal clear sound
- 40-Bit Internal signal path to maintain increased head-room and low-level signals
- Up to 80-bit processing accuracy for the lowest digital distortion
- Sampling frequency always on 96 kHz to achieve analog-like processing
- Inherent system delay less than 1 ms
- Extended frequency bandwidth up to 31.5 kHz
- Output dither at 16, 20, or 24 bits
- 8-Band fully parametric equalizer: Low shelving, 6 x bell, high shelving
- Low-cut and high-cut filters with switchable slopes
- 6-Band notch filters for feedback suppression
- 31-Band graphic equalizer • Visually displayed filter curves
- True peak Limiter for loudspeaker protection
- Mastering limiter/compressor with adaptive knee and auto-release
- Absolutely seamless filter parameter update
- Intuitive programming and real-time navigation interface
- Unique parameter wheel with built-in dynamic behavior for convenient parameter entry
- Two temporary preset buttons for real-time setup comparison
- 64 Factory and 128 user presets
- Remote control via MIDI or RS-232 • Update via Internet and RS-232

Technical specifications

Signal Processing Functions (per channel)

- Full Parametric Equalizer
 - Eight High-Precision Digital Filters : Low shelving, 6 x constant-Q bell, high shelving
 - Shelving Slope : 3, 6 or 9 dB/octave
 - Extended Frequency Range : 20 Hz to 40 kHz
 - Bandwidth : 1/12 to 2 octaves - Boost/Cut Range : ±16 dB or ±8 dB
- Graphic Equalizer
 - 31 Constant-Q filters on 1/3-octave musically divided center frequencies
 - Bandwidth : 1/3, 2/3, or 1/6 octave - Boost/Cut Range : ±16 dB or ±8 dB
 - Filter Bank Type : Parallel, interpolating
- Cut Filter Block
 - Low-cut and high-cut filters - Low-Cut Frequency Range : 2 Hz to 2 kHz
 - Suitable for DC-removal and De-rumble
 - High-Cut Frequency Range : 200 Hz to 25 kHz
 - Slope : 6, 12, 18 dB/octave
 - Characteristics : Bessel, butterworth notch filters
 - Six high-precision digital filters - Frequency Range : 20 Hz to 20 kHz
 - Frequency Resolution : 1 Hz
 - Q : 15, 30, 45, 60 - Range : +8 to -24dB
- Limiter/Compressor (in mastering mode)
 - Unique combination of a limiter and compressor smoothly adjustable between limiting and compressing function
 - Adaptive Knee - Threshold : 0 to -60 dBFs
 - Ratio : 1:1 to inf:1 - Attack Time : 0.1 to 200 ms
 - Hold Hysteresis : 0 to 3 dB - Release Time : 20 to 5000 ms
 - Look-Ahead Delay : 0.2, 0.5, 1, 2, 5, 10, 25 ms
 - Program-dependent auto-release function
 - Make-Up Gain - True Stereo Coupling
 - Sophisticated metering : Input, output, gain reduction
- Master Delay
 - Length : 2 x 1240 ms - Resolution : 0.01 millisecond
 - Programmable in milliseconds, meters or feet
(the actual environment temperature can be considered)

- Digital output level attenuation and requantization with dither
 - Attenuation : 0 to -24 dBFs - Phase Invert & Channel Sweep
 - Dithering Levels : 16, 20, 24 bits
- 1/3 Octave real-time spectrum analyzer
 - 31-Band conform to GEQ - Peak-Hold Function with Reset
 - Adjustable averaging and decay time
 - Adjustable Display Range: Maximal level and zoom
 - Inverse spectral function as a reference for GEQ
- Reference signal Generator
 - Waveforms : Sine, sine sweep - Noise : White, Pink
- Manual feedback detection and suppression
- Room measurement and correction
- Comprehensive Sample Rate Conversion :
 - Input Sample Rates : 20 ~ 100 kHz
 - Output Sample Rates : 32, 44.1, 48, 64, 88.2, 96 kHz, or equal to the Input Sample Rate
- Detailed digital I/O status monitoring
 - AES-3 (AES/EBU) conform - IEC958 (S/PDIF) conform
- Configuration modes
 - Mastering / Reinforcement - Acoustic Measurements
 - Hard Bypass (switchable to Hard Mute with jumpers)

AUDIO INPUTS AND OUTPUTS

Analog Inputs :

- XLR (pin 2 hot) electronic balanced, RF suppressed
- Impedance : > 10 kOhms (balanced)
- Maximal Signal Level : +24 dBu (Input Gain @ +12 dB)
- Input Gain Range (potentiometer adjusted) : -12 dB to +12 dB

Digital Inputs :

- XLR : AES-3 or AES/EBU (up to 24 bits) transformer balanced
- Coaxial and Optical : S/PDIF (up to 20 bits), IEC 958, EIAJ CP-340 coax with transformer
- Sample Rate : 20 to 100 kHz (any)

Analog Outputs :

- XLR (pin 2 hot) electronic balanced, RF suppressed
- Impedance : 100 Ohms • Maximal Signal Level : +24 dBu @ 600 ohm
- Output Level Gain : 0 to -24 dBFs (digitally adjusted)

Digital Outputs :

- XLR : AES-3 or AES/EBU (up to 24 bits) transformer balanced
- Coaxial and Optical : S/PDIF (up to 20 bits), IEC 958, EIAJ CP-340 coax with transformer
- Sample Rate : 32 kHz, 44.1 kHz, 48 kHz, 64 kHz, 88.2 kHz, and 96 kHz

Audio Performance

- Digital Processing : A/D Conversion: Sigma-delta, 24-bit, 96 kHz
- D/A conversion : Sigma-delta, 24-bit, 96 kHz
- Digital In/Out : 24-bit, 32 to 96 kHz
- Internal Sampling Frequency : 96 kHz (always)
- Calculation Resolution : up to 80 bits - Internal Signal Path : 40 bits
- Inherent System Delay : < 1 ms @ 96 kHz (between any input and output)
- Analog Input : Frequency Range : 10 Hz ~ 31.5 kHz, 0/-0.5 dB
 - Dynamic Range : > 113 dB(A), THD+N : 0.001% (10 Hz ~ 31.5 kHz)
 - Crosstalk : < -105 dB @ 1 kHz, CMRR : > 40 dB @ 1 kHz
- Analog Output : Frequency Range : 10 Hz ~ 31.5 kHz, 0/-0.3 dB
 - Dynamic Range : > 115 dB(A), THD+N : 0.0015% (10 Hz ~ 31.5 kHz)
 - Crosstalk : < -105 dB @ 1 kHz, CMRR : > 40 dB @ 1 kHz
- Digital In/Out : Frequency Range : 10 Hz ~ 44 kHz, 0/-0.2 dB @ Fs = 96 kHz
 - Dynamic Range : > 124 dB(A), THD+N : 0.0005% (10 Hz ~ 40 kHz) @ 88.2 kHz

Memory

- 64 Factory and 128 user presets
- 2 Temporary presets for fast setup comparison

Remote Interface

- MIDI : In, thru, out • RS-232 : In, thru

General

- Password protection with alphanumeric key
- Power Source : AC 100V~120V/200V~240V with voltage switch, 50/60Hz, 25VA
- Weight : 7kg/15.4lb
- Dimensions : 19" 2U Rack, 482(W)x88(H)x300(D)mm/19(W)x3.5(H)x11.8(D)in



GEQ-1231D (Digital EQ)

Stereo 31-Band Graphic Equalizer With Limiter

- Analog style front/rear panel, full digital internal processing
- 64kHz sampling frequency, 24Bit AD convertor
- Stereo 31 band digital graphic equalizer, 1U size
- Constant - Q filter, 1/3 Oct
- Limiter threshold control with 3 segment reduction meter
- High cut(3.3kHz ~ 29.5kHz)/low cut(12.5Hz ~ 200Hz) control with indicator
- Range(±12dB, ±6dB), cut only(-12dB), bypass switches
- XLR & 1/4" electronic balanced inputs and outputs
- Output clip indicator
- 5 Segment input signal level display with peak indicator
- Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 10W • Weight : 3.5kg/7.7lb
- Dimensions : 482(W)x44(H)x280(D)mm/19(W)x1.75(H)x11(D)in



GEQ-2231D (Digital EQ)

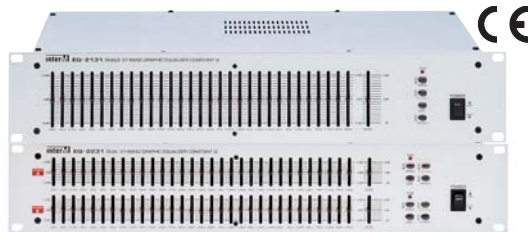
Dual 31-Band Graphic Equalizer With Limiter

- Analog feeling front/rear panel, full digital internal processing.
- 64kHz sampling frequency, 24Bit AD convertor
- 2 Channel 31 Band Digital Graphic Equalizer, 2U Size
- Constant - Q filter, 1/3 Oct
- Limiter threshold control with 3 segment reduction meter
- High cut(3.3kHz ~ 29.5kHz)/low cut(12.5Hz ~ 200Hz) control with indicator
- Range(±12dB, ±6dB), cut only(-12dB), bypass switches
- XLR & 1/4" electronic balanced Inputs and outputs
- Output clip indicator • Channel link switch
- 5 Segment input signal level display with peak indicator
- Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 10W • Weight : 5kg/11lb
- Dimensions : 482(W)x88(H)x280(D)mm/19(W)x1.75(H)x11(D)in



EQ-2215 Dual 15 Band Graphic Equalizer

- Dual 15 band graphic equalizer
- 2/3 Octave 20Hz ~ 20kHz, ±12dB
- 80Hz 18dB/octave • Constant Q circuitry
- Selectable EQ range : ±12dB, ±6dB
- Cut only switch, • Bypass switch
- Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 15W • Weight : 4.5kg/9.9lb
- Dimensions : 482(W)x88(H)x280(D)mm/19(W)x3.5(H)x11(D)in



EQ-2131/2231

Mono/Dual 31 Band Graphic Equalizer

- Mono/dual 31 band graphic equalizer
- 1/3 Octave 20Hz ~ 20kHz, ±12dB
- 80Hz 18dB/octave, • Constant Q circuitry
- Selectable EQ range : +12dB, +6dB • Cut only switch
- Bypass switch
- Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : EQ-2131:15W, EQ-2231:20W
- Weight : EQ-2131:4.5kg/9.9lb, EQ-2231:5kg/11lb
- Dimensions : 482(W)x88(H)x280(D)mm/19(W)x3.5(H)x11(D)in



CN-9102

Dual Channel Compressor Limiter With Noise Gate

- Dual channel compressor limiter with noise gate
- Threshold, ratio, level control • Attack, release time control
- Hard and soft knee function switch
- Fully independent gate with threshold, rate control
- In/out display switch
- Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 12W • Weight : 3.5kg/7.7lb
- Dimensions : 482(W)x44(H)x280(D)mm/19(W)x1.75(H)x11(D)in



DIV-9123 Stereo Electronic Crossover

- 2 Way stereo or 3 way mono, with SUB out
- Crossover Slope : 24dB/Oct
- Crossover level and frequency control • Input level control
- Frequency range, mute switch
- Subwoofer level and frequency control with 30Hz high-pass filter
- Ground Selector : Frame/float
- Power Source : 100~120VAC or 220~240VAC; 50/60Hz (supplied AC mains transformer depends on country requirements)
- Power Consumption : 12W • Weight : 4kg/8.8lb
- Dimensions : 482(W)x44(H)x280(D)mm/19(W)x1.75(H)x11(D)in





Professional Speaker Systems



SC-28



SC-212



SC-212M



SC-215



SC-315



SC-2152

SPEC	MODEL	SC-28	SC-212	SC-215	SC-315	SC-2152	SC-212M
Input Power(RMS)		100W	200W	300W	300W	600W	200W
Max Power		200W	400W	600W	600W	1200W	400W
Components		1x10" LF+Ti35 HF	1x12" LF+Ti35 HF	1x15" LF+Ti35 HF	1x15" LF+8"+Ti35 HF	2x15" LF+Ti44 HF	1x12" LF+Ti35 HF
Cabinet Style		Trap	Trap	Trap	Trap	Trap	Floor Monitor
Freq Resp ±3dB		55Hz~20kHz	45Hz~20kHz	45Hz~20kHz	40Hz~20kHz	40Hz~20kHz	50Hz~20kHz
Sensitivity 1W@1m		92dB	98dB	99dB	100dB	102dB	98dB
Nominal Coverage HOR		90°					
Nominal Coverage VERT		60°					
Nominal Impedance		8Ω	8Ω	8Ω	8Ω	8Ω	8Ω
Dimensions(WxHxD)mm		312(W)x463(H)x250(D)mm 12.3(W)x18.2(H)x9.8(D)in	403(W)x596(H)x341(D)mm 15.9(W)x23.5(H)x13.4(D)in	476(W)x696(H)x390(D)mm 18.7(W)x27.4(H)x15.4(D)in	507(W)x916(H)x422(D)mm 19.9(W)x36.1(H)x16.6(D)in	555(W)x1196(H)x481(D)mm 21.9(W)x47.1(H)x18.9(D)in	596(W)x403(H)x341(D)mm 23.5(W)x15.9(H)x13.4(D)in
Weight(Kg)		12Kg/26.5lb	19Kg/41.9lb	24Kg/52.9lb	35Kg/77.2lb	50Kg/110.2lb	18Kg/39.7lb
Finish/Color		Black Carpet					
Handles Qty		-	2	2	2	2	2
Input Connectors		2 x 1.4" jacks + 2 x Speakon™ jacks					



Speakers/Microphones

Fashion Speakers



FS-52

- 50W
- 1" Dome Tweeter
- 5" 1/4 Cone Woofer
- 3.74" X 3.74" Horn

FS-30/60/100

- 30W/60W/100W
- 5" Full Rangex2

FSB-2

- High quality, professional sound reproduction
- A switch permits use with either low impedance (8ohm) or high impedance (70/100V line) loudspeakers
- Full range 5 1/4"x2(FS-30/60/100)
- 2Way 1"+5 1/4" (FS-52)
- 8ohm only(FS-52)
- Colour coded connection terminals [red=positive(+) and black=negative(-)]
- Connection terminals are pushtype to allow easy cable connection

SPEC	MODEL	FS-30	FS-60	FS-100	FS-52
Rated Output		30W	60W	100W	50W
Input Impedance		8/333ohm	8/167ohm	8/100ohm	8ohm
Frequency Response		180Hz ~ 13KHz			
Dimensions		175(W) X 300(H) X 158.5(D)mm			

Fashion Speakers



MS-50BT(20W)

- 20W @ 4Ω or 20W @ / 100V
- 2" 1/4 Cone Tweeter
- 5" Cone Woofer

MS-50WT(20W)

- 20W @ 4Ω or 20W @ / 100V
- 2" 1/4 Cone Tweeter
- 5" Cone Woofer

FSB-1

- Built-in matching transformer for public address system
- Rated input : 20Watt/4ohm or 100V speaker line
- Compatible w FSB-1 Bracket
- Luxurious appearance

SPEC	MODEL	FS-30	FS-100
Rated Output		20Watt/4ohm or 20Watts/100V speaker line	
Frequency Response		120Hz ~ 20kHz	
S.P.L (1W/1m)		90dB	
Colour		Black	White
Weight		3.2kg	
Dimensions		150(W) x 240(H) x 150(D)mm	
Bracket (Option)		FSB-1	

Microphones



MD-600

MD-700

MD-750

MD-850

MD-950

MC-1000

SPEC	MODEL	MD-600	MD-700	MD-750	MD-850	MD-950	SPEC	MODEL	MC-1000
Type		Dynamic					Type		Electret Condenser
Polar Pattern		Cardioid	Unidirectional	Cardioid	Super Cardioid	Super Cardioid	Polar Pattern		Cardioid
Frequency Response		83 ~ 13,500Hz	-	80 ~ 14,000Hz	70 ~ 15,000Hz	70 ~ 16,000Hz	Frequency Response		70Hz ~ 17,000Hz
Sensitivity		-54dB ±3dB	-54dB ±3dB	-54dB	-52dB	-52dB ±3dB	Sensitivity		-50dB
Impedance		600ohm ±30%	600ohm ±30%	580ohm	600ohm	600ohm	Impedance		600ohm
Weight		245g	265g	300g	320g	320g	Output Connector		XLR M-TYPE
Dimensions		Ø52 x 168mm	Ø54 x 176mm	Ø54 x 178mm	Ø55 x 180mm	Ø55 x 180mm	Battery		1.5V AA/UM3
							Weight		270g(with Battery)
							Dimensions		Ø26 x 186mm

Inter-M provides products that play an important part in everyday life

The products are used in sound systems of every type - in business, churches, recreation facilities, shopping malls, schools, and entertainment centers

Inter-M products have exceptional value, assure reliable performance, incorporate up-to-date technology, and reflect a clear understanding of how the products are used

• Value

Inter-M products represent good value - each product meets the market needs and expectations, delivering good performance at a price that is realistic

• Reliability

Inter-M products have been designed, built, and tested to deliver reliable functionality

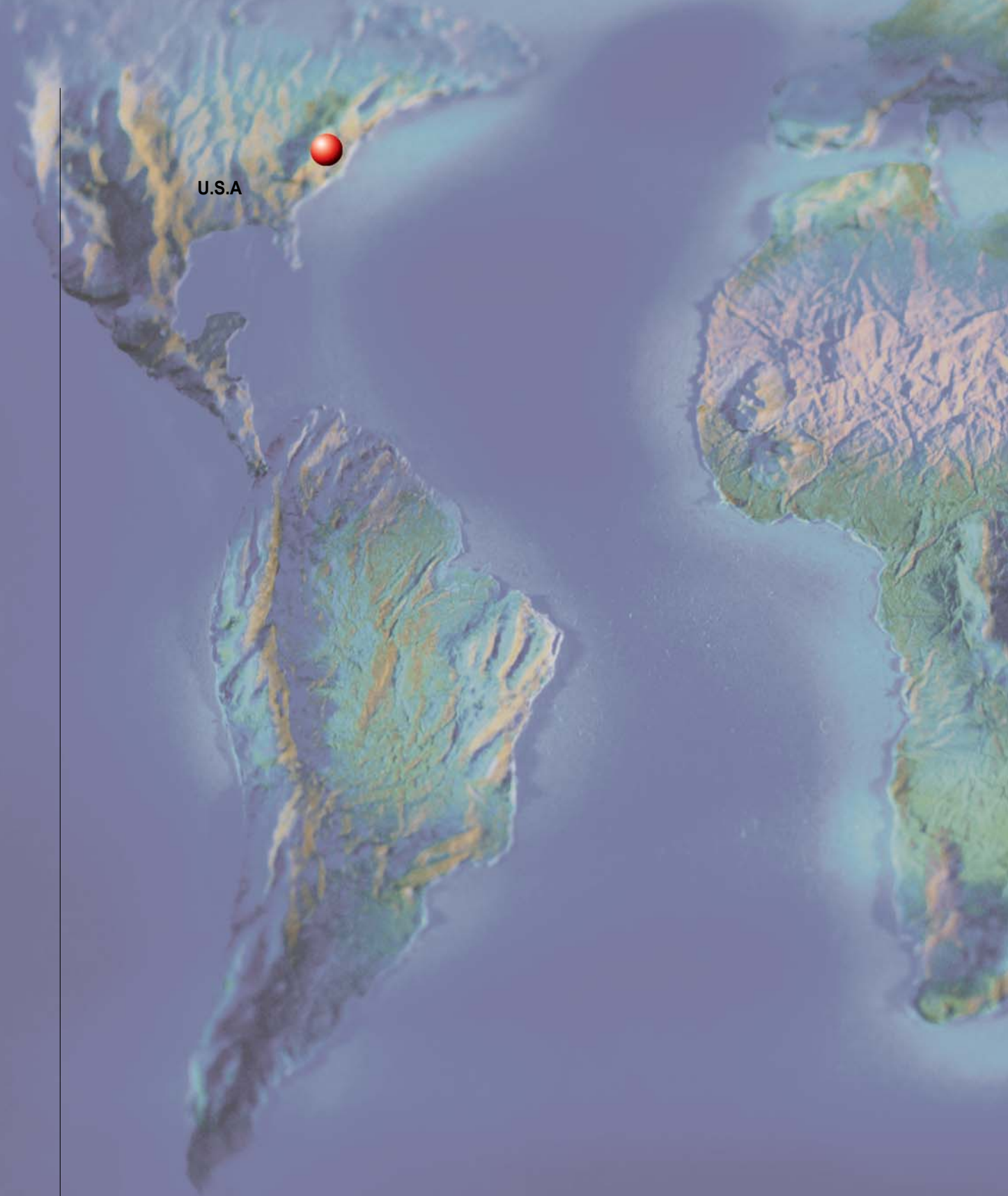
• Technology

Inter-M is committed to using advanced technology that is oriented to real-world requirements and with features that are useful

• Commitment

Inter-M is staffed with people that have a commitment to provide high-quality products at reasonable prices via their global network of distributors, dealers, contractors, and system integrators

Global





Global Offices

IMK(Korea)



Inter-M Corporation
653-5 Banghak-Dong,
Dobong-Ku, Seoul, Korea

Tel : 82-2-2289-8140~8,
Fax: 82-2-2289-8149
E-mail:
export@inter-m.com

IMA(America)



Inter-M Americas, Inc.
1 East Beacon Light Lane
Chester, PA. 19013 USA

Tel: 610-874-8870
Fax: 610-874-8890
E-mail: info@inter-m.net
Web: www.inter-m.net

IMC(China)



**Inter-M (Dongguan)
Electronics Co, Ltd.**
ZhongHanGyo Industrial
Garden Zheng Zhong-Ro
Wang niudun Town, Dong
Guan City
Guang Dong Province China
P.C. China 523200

Tel: 86-769-851-3001~3
Fax: 86-769-851-3009
E-mail:
syjeon@inter-m.com

IMJ(Japan)



Comodo Mattina, Inc.
Kyoei Iriya Building 7F, 1-27-5
Iriya, Taito-ku
Tokyo, 110-0013 Japan

E-mail:
taka_asahina@h8.dion.ne.jp
http://www.comodo-
mattina.com

Distributors



**Asia
Europe
Africa
Oceania**



Inter·M Corporation

OFFICE : 653-5 BANGHAK-DONG,
DOBONG-KU, SEOUL, KOREA
TEL : 82-2-2289-8140~8
FAX : 82-2-2289-8149
E-mail : export@inter-m.com