

MIXERS



The result of your performances is depending on your mixer quality and reliability:

▲LTO is able to put at your disposal a great number of different mixing desks, perfectly designed for both Sound Recording and Live Music applications. Sound definition, connection with PC, power stability, original look, versatility and variety of features are just some of the constant qualities of all ▲LTO mixers.

Every ▲LTO Mixer means Music, Passion, Design.

TYPHOON SERIES

CYCLONE SERIES

LYNX-MIX SERIES

L SERIES

S SERIES

AMX SERIES

GHIBLI SERIES

DJM SERIES - DJ MIXERS

APM SERIES

PBM SERIES

POWERED MIXERS

PA SYSTEMS



MIXERS

TYPHOON SERIES

The Typhoon Series Consoles will certainly change the market of Large Format Mixing Consoles for Live applications. Until now Large Format Mixers have been heavy, bulky and very expensive. Alto is now redefining the rules by offering a range of products of unprecedented performance, size, weight and cost. Take for example our largest model Typhoon 4800: Only a little bit more than 30Kg for a 48 channel mixer with 8 subgroups, 4 parametric eq, 8 AUX and 4 muting Groups. No one has ever made anything like this before. And the same features of the Typhoon 4800 are available in all the other models in the Family including Typhoon 1600 which is the only console in the world with 16 in and 8 groups that can fit into a rack.

MONO CHANNELS:

- Balanced XLR & 1/4" TRS connectors
- CLIP LED for Mic preamp section
- Phantom & Phase switch for each channel
- 40Hz - 400Hz 12dB / Oct. switchable low - pass filter with LED
- 4 band sweepable switchable EQ with LED (HI & LO shelving - peak/dip MIDS)
- 8 AUX sends with PRE - / POST - switches
- Insert & Direct Out for each channel
- Assign to 8 sub - groups & L - R
- Solo & Mute illuminated switches
- 4 Mute Group switches

STEREO CHANNELS:

- Balanced XLR & 1/4" TRS connectors
- Mono MIC & Line input with Phantom & Phase switches - Stereo Line inputs
- Independent gain levels for mono input and stereo Line level inputs
- 40Hz - 400Hz 12dB / Oct. switchable low - pass filter with LED on mono channel input
- 4 band fixed switchable EQ with LED
- 8 AUX sends with PRE - / POST - switches
- Assign to 8 sub - groups & L-R
- Solo & Mute illuminated switches
- 4 Mute Group switches

Common Characteristics:

- Excellent S / N ratio on all inputs
- Preamp & Channel path Clip LEDs
- Mic preamp with 0dB to 60dB of gain
- Line preamp with - 25dB to + 35dB gain
- - 20dB & CLIP LEDs on each input channel

MASTER SECTION:

- Fully featured Talkback section
- 8 AUX sends with MUTE & AFL illuminated switches
- 4 Stereo AUX returns with MUTE & PFL illuminated switches, assignable to AUXs and Sub-groups
- 8 Sub - groups with MUTE & PFL illuminated switches & PAN to stereo
- Insert on AUX outs, Sub - groups outs and Main Mix outs
- 3 - band oscillator
- Master section with Stereo fader and Mute switch
- 4 Mute Groups

TYPHOON - PS 16.24

- Power supply for TYPHOON 1600 / 2400
- Dimensions (WxDxH): 311 x 211 x 68mm (12.2"x8.3"x2.7")
- Weight: 2.6kg (5.7 lb)

TYPHOON - PS 32.48

- Power supply for TYPHOON 3200 / 4800
- Dimensions (WxDxH): 311 x 211 x 68mm (12.2"x8.3"x2.7")
- Weight: 2.8kg (6.2 lb)

STEREO CHANNEL MONO CHANNEL



MIXERS



TYPHOON SERIES

TYPHOON 1600 16 Input Channel Console Mixer

- Dimensions (WxDxH): 500 x 956 x 195mm (19.7"x37.6"x7.7")
- Weight: 13kg (28.7 lb)



TYPHOON 2400 24 Input Channel Console Mixer

- Dimensions (WxDxH): 690 x 956 x 195mm (27.2"x37.6"x7.7")
- Weight: 18kg (39.7 lb)



TYPHOON 3200 32 Input Channel Console Mixer

- Dimensions (WxDxH): 780 x 956 x 195mm (30.7"x37.6"x7.7")
- Weight: 23kg (50.7 lb)



TYPHOON 4800 48 Input Channel Console Mixer

- Dimensions (WxDxH): 1160 x 956 x 195mm (45.7"x37.6"x7.7")
- Weight: 32kg (70.5 lb)



MIXERS

TYPHOON PS SERIES

A new concept for Large Format Mixing Consoles: the Typhoon PS series was born with the clear intention to redefine the rules in terms of size, weight and cost. All ▲LTO Typhoon models can count on high performance features appropriately studied for live applications: 4 band sweepable switchable EQ, 8 AUX sends with PRE/POST switches, assign to 8 sub-groups & L/R, 4 mute Group switches, 40Hz-400Hz 12dB/oct switchable low-pass filter with led. Any Typhoon mixer console means Music, Passion, Design.

TYPHOON PS 2400 24 Input Channel Console Mixer

- Dimensions (WxDxH): 737 x 821 x 220mm (29"x32.3"x8.7")
- Weight: 22kg (48.5 lb)



TYPHOON PS 3200 32 Input Channel Console Mixer

- Dimensions (WxDxH): 925 x 821 x 220mm (36.4"x32.3"x8.7")
- Weight: 27kg (59.5 lb)



TYPHOON PS 4800 48 Input Channel Console Mixer

- Dimensions (WxDxH): 1307 x 821 x 220mm (51.5"x32.3"x8.7")
- Weight: 39kg (86.0 lb)



MIXERS



CYCLONE SERIES

The missing link in between Large Format Consoles and compact mixer. The Cyclones include all the features of a large console in a package that is small, light and attractive. Never before such a compact mixer has been able to include so many features such as 4 band EQ (with two frequency sweep), 6 assignable AUX, 100 mm faders, Master Aux and 4 subgroups. The MIC preamp is the same design used in our studio grade ▲LTO ESOTAR preamps and offer an astonishing 115 dB of S / N ratio and 0.005% THD.

CYCLONE160 16 Input Channel Console Mixer

- Low Noise, High Headroom, NO PAD microphone preamplifiers with 60dB gain, 115dB S / N ratio, 0.005% THD
- 4 bands EQ (2 sweeps)
- 6 AUX all individually assignable PRE / POST with AFL mode
- Master Aux Send
- 4 sub - groups with PFL illuminated & R / L to MAIN R - L
- 4580 Operational Amplifiers
- 4 stereo returns
- Fully featured Talkback section
- TAPE IN with PFL illuminated switch & assign to groups and R - L
- 100 MM Faders
- External power supply for better noise control
- Extremely Affordable
- Dimensions (WxDxH): 439.5 x 730 x 135mm (17.3"x28.7"x5.3")
- Weight: 13kg (28.7 lb)



CYCLONE240 24 Input Channel Console Mixer

- Low Noise, High Headroom, NO PAD microphone preamplifiers with 60dB gain, 115dB S / N ratio, 0.005% THD
- 4 bands EQ (2 sweeps)
- 6 AUX all individually assignable PRE / POST with AFL mode
- Master Aux Send
- 4 sub - groups with PFL illuminated & R / L to MAIN R - L
- 4580 Operational Amplifiers
- 4 stereo returns
- Fully featured Talkback section
- TAPE IN with PFL illuminated switch & assign to groups and R - L
- 100 MM Faders
- External power supply for better noise control
- Extremely Affordable
- Dimensions (WxDxH): 618.5 x 730 x 135mm (24.4"x28.7"x5.3")
- Weight: 18kg (39.7 lb)



MIXERS

CYCLONE SERIES

CYCLONE320 32 Input Channel Console Mixer

- Low Noise, High Headroom, NO PAD microphone preamplifiers with 60dB gain, 115dB S / N ratio, 0.005% THD
- 4 bands EQ (2 sweeps)
- 6 AUX all individually assignable PRE / POST with AFL mode
- Master Aux Send
- 4 sub - groups with PFL illuminated & R / L to MAIN R - L
- 4580 Operational Amplifiers
- 4 stereo returns
- Fully featured Talkback section
- TAPE IN with PFL illuminated switch & assign to groups and R - L
- 100 MM Faders
- External power supply for better noise control
- Extremely Affordable
- Dimensions (WxDxH): 812 x 730 x 135mm (32"x28.7"x5.3")
- Weight: 17.2Kg (37.9 lb)



CYCLONE - PS 160 . 240 . 320

- Dimensions (WxDxH): 209 x 190 x 67mm (8.2"x7.5"x2.6")
- Weight: 2.3kg (5.1lb)



MIXERS



LYNX-MIX SERIES

With the new Lynx - mix mixing desk ▲LTO has created the perfect solution for compact but full-features applications in Live Sound and Recording. Mixer section includes studio-grade noiseless microphone preamplifiers, flexible EQ on input channel and 4 aux + 4 Bus for maximum flexibility. The assignable USB interface allows to send to a PC either the L + R Signal or the Bus 1 + 2 Signal. A second switch assigns the signal coming from the PC to the Master or to selected input channels for further overdubbing. All the Lynx - mix USB mixers are equipped with universal switch mode power supply able to detect automatically the AC Voltage available.

LYNX - MIX244

NEW

- 18 MIC input channels with gold plated XLRs and balanced LINE inputs
- 4 Stereo input channels with balanced TRS jacks
- Ultra - low noise discrete Mic Preamps with + 48V Phantom Power
- Extremely high headroom offering more dynamic range
- 60mm high precision faders
- Each input channel with Mute, SOLO function, Overload & signal present LEDs and low cut filters (except for stereo channel)
- SUB 1 - 2, SUB 3 - 4 and MAIN L - R signal assignment switch
- 4 AUX sends per channel: 2 PRE / POST faders switchable for monitoring application and effects & sound processor input; 2 POST faders for internal digital DFX or as external send
- 4 - band fixed EQ on stereo line channels
- 3 - band EQ with swept mid on microphone channels
- Channel inserts and direct outputs on each mono channel plus main mix insert for flexible connection of outboard equipment
- 24 - bit DSP effect
- 256 effects (16 presets x 16 variations)
- Stereo 9 - band graphic EQ
- Control room / phones matrix
- 2 - TRACK IN assignable to main mix, control room / headphone outputs

- Highly accurate 12 segment output level meters
- Dimensions (W x D x H): 734 x 400 x 38 / 115mm (24.6"x15.7"x1.5/4.5")
- Weight: 10.8kg (23.8 lb)



LYNX - MIX124 UM

12 Input, 4 Bus Console, USB Port, MP3 Player On Board

NEW

- 4 mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct. and insert
- 4 Stereo inputs with balanced TRS jacks
- Channel 5/6 with mic input possibility
- USB port with direct mp3 player
- Graphic LCD for mp3 and DSP control
- Dimensions (W x D x H): 415 x 400 x 38 / 115mm (16.3"x15.7"x1.5/4.5")
- Weight: 6.7kg (14.8 lb)



MIXERS

LYNX - MIX SERIES

Common features:

- 16 Bit 32 ~ 48KHz ADC / DAC USB input and output with selectable track
- Universal serial bus (USB) for easy connection with computer for music recording
- Ultra - low noise discrete Mic Preamps with + 48V Phantom Power
- Extremely high headroom offering more dynamic range
- 60 mm high precision faders
- Each input channel with Mute, SOLO function, Overload & signal present LEDs and low cut filters (except for stereo channel)
- SUB 1 - 2, SUB 3 - 4 and MAIN L - R signal assignment switch
- 4 AUX sends per channel: 2 PRE / POST faders switchable for monitoring application and effects & sound processor input; 2 POST faders for internal digital DFX or as external send
- 4 - band fixed EQ on stereo line channels
- 3 - band EQ with swept mid on microphone channels
- Channel inserts and direct outputs on each mono channel plus main mix insert for flexible connection of outboard equipment
- 24 - bit DSP effect for 256 choices (16 presets x 16 variations)
- Stereo 9 - band graphic EQ
- BNC socket for connecting lamp
- Control room / phones matrix
- 2 - TRACK IN assignable to main mix, control room / headphone outputs
- Highly accurate 12 segment output level meters

LYNX - MIX124 USB 12 Input, 4 Bus Console With USB Interface

NEW

- 4 mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct. and insert
- 4 Stereo inputs with balanced TRS jack with level select switches inputs 5 & 6 have mic. Input too.
- Dimensions (W x D x H): 415 x 400 x 38 / 115mm (16.3"x15.7"x1.5/4.5")
- Weight: 5.7kg (12.6 lb)



LYNX - MIX164 USB 16 Input, 4bus Console With USB Interface

NEW

- 8 mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct and insert
- 4 Stereo inputs with balanced TRS jack with level select switches inputs 9 & 10 have mic. Input too.
- Dimensions (W x D x H): 518 x 400 x 38 / 115mm (20.4"x15.7"x1.5/4.5")
- Weight: 6.9kg (15.2 lb)



LYNX - MIX204 USB 20 Input, 4 Bus Console With USB Interface

NEW

- 12 mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct. and insert
- 4 Stereo inputs with balanced TRS jack with level select switches inputs 13 & 14 have mic. Input too.
- Dimensions (W x D x H): 626 x 400 x 38 / 115mm (24.6"x15.7"x1.5/4.5")
- Weight: 8.2kg (18.1 lb)



MIXERS



L SERIES

An alto classic. Produced in hundreds of thousands of pieces they are the companions of happy musicians and studio engineers around the world. As with all ▲LTO products we have decided to pack as many features as possible in these yet compact mixers. The small L6 and L8 include three bands EQ and a powerful DSP. In the L6, the controls for the effects and the reverb are separate for maximum flexibility. In the L8, the DSP includes 256 different programs. The remaining models feature outstanding MIC preamplifiers musical and noiseless three band EQ with mid - sweep, 2 AUX for effects, 2 AUX for monitor, 4 subgroups, stereo return gain control, 9 bands master EQ and 256 programs DSP unit built in.

CHANNEL STRIPS (except for L-6 & L-8):

- AUX send 1 / 2 switchable to PRE / POST fader
- 60 mm high precision faders
- Each input channel with Mute, SOLO function, low cut filters 75Hz - 18dB / OCT and Overload & signal present LEDs.
- Group "SUB" 1-2, "SUB3-4", or "main L-R" mix send switchable
- 4 AUX sends with master control and SOLO function per channel: 2 x PRE / POST fader switchable for monitoring / digital EFX application, 2 x postfader (for internal digital EFX or as external send)

MASTER SECTION (except for L-6 & L-8):

- 24 - bit DSP effect built in
- True stereo 9 - band graphic EQ
- Adjustable mono main output by control level
- BNC socket for connecting gooseneck lamps

- 4 - band fixed EQ on stereo line channels
- 3 - band EQ with Swept mid on microphone channels
- Channel inserts and direct output on each mono channel plus main mix inserts for flexible connection of outboard equipment

- Separate outputs for 4 submaster controls to enable more flexible routing
- Control room / phone matrix
- 2 headphone outputs

L-6 6-Channel 2-Bus Mixer with DSP

- 2 mono inputs with gold plated XLR and balanced TRS jack
- TRIM and + 48V Phantom Power for mono inputs
- 2 stereo inputs with balanced TRS jack
- Peak LED in each channel
- Very effective 3 - band EQ
- 1 POSTFADER AUX send for effects send can be changed in PRE - FADER send for monitoring
- 24 - bit internal DSP with 16 effects, with FX Level and REVERB LEVEL controls
- Stereo AUX return DFX with level and routing to AUX 1
- 2 - track IN / OUT with discrete switches for routing to Control Room and / or to Main Mix
- Discrete output level for Phones / Control Room

- Balanced TRS jack output
- Dimensions (WxDxH): 185 x 230 x 35 / 55mm (7.3"x9.1"x1.4/2.2")
- Weight: 2.7kg (6.0 lb)



L-8 8-Channel 2-Bus Mixer with DSP

- 4 mono inputs with gold plated XLR and balanced TRS jack
- TRIM and + 48V Phantom Power for mono / mic inputs
- 2 stereo inputs with balanced TRS jacks input 5 has a mic input too
- Peak LED in each channel
- Very effective 3 - band EQ
- 2 AUX sends: AUX 1 PRE - FADER for monitoring, AUX 2 POST - FADER for internal DSP or external effects can be changed in PRE - FADER send for monitoring
- 24 - bit internal DSP with 256 effects, 16 presets by 16 variations with DSP MUTE switch and Peak LED
- 2 Stereo AUX return AUX2/DFX with level and routing to AUX 1
- 2 - track IN / OUT with discrete switches for routing to Control Room and / or to Main Mix
- Discrete output level for Phones / Control Room

- Balanced XLR & TRS jack output
- Dimensions (WxDxH): 245 x 268 x 24 / 73mm (9.6"x10.6"x0.9/2.9")
- Weight: 3.0kg (6.6 lb)



MIXERS

L SERIES

L-12 12-Channel 2 + 4-Bus Mixer with DSP

- 4 mono inputs with gold plated XLR and balanced TRS jack
- Each input channel features MUTE, SOLO, SIGNAL & OVERLOAD LEDs
- 6 mic inputs with TRIM, + 48V Phantom and low - cut filter @75Hz - 18dB / Oct
- 4 stereo inputs with balanced TRS jack with level select switches input 5 and 6 also have mic inputs
- 3 - band EQ with sweepable MID on mono inputs
- 4 - band fixed EQ on stereo inputs
- 4 AUX sends AUX sends 1 & 2 switchable PRE - / POST - FADER (for monitoring/effects sends purposes) - AUX sends 3 & 4 POST - FADER (for internal DSP FX and/or external FX unit)
- Master AUX sends with level and SOLO switch
- 4 stereo AUX Returns with smart signal routing system for higher versatility
- 24 - bit internal DSP with 256 effects, 16 presets by 16 variations with DSP MUTE switch and Peak LED and with discrete levels for AUX 1 & AUX 2 monitoring
- Main Out features a switchable 9 - band graphic EQ
- Channel Inserts and Direct Out in each mono input
- 2 - track IN / OUT with discrete switches for routing to Control Room and / or to Main Mix
- Two different ways of SOLO PFL (Pre-fade listen) AFL (After-fade listen) for a better control over signal

- Matrix (MAIN MIX / 1-2 / 3-4) & discrete output level for Phones & Control Room
- Main Mix inserts for flexible connection to outboard equipment
- Balanced XLR & TRS jack output
- Dimensions (WxDxH): 415 x 400 x 38 / 115mm (16.3"x15.7"x1.5/4.5")
- Weight: 6.7kg (14.8 lb)



L-16 / L-20 16-Channel 2 + 4-Bus Mixer with DSP / 20-Channel 2 + 4-Bus Mixer with DSP

- 8 (12 for L-20) mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct. and insert
- Each input channel features MUTE, SOLO, SIGNAL & OVERLOAD LEDs
- TRIM and + 48V Phantom Power for mono / mic inputs
- 4 stereo inputs with balanced TRS jack with level select switches inputs 9 and 10 (13 & 14 in L-20) have mic input too
- 3 - band EQ with sweepable MID on mono inputs
- 4 - band fixed EQ on stereo inputs
- 4 AUX sends AUX sends 1 & 2 switchable PRE - / POST - FADER (for monitoring/effects sends purposes) - AUX sends 3 & 4 POST - FADER (for internal DSP FX and/or external FX unit)
- Master AUX sends with level and SOLO switch
- 4 stereo AUX Returns with smart signal routing system for higher versatility
- 24 - bit internal DSP with 256 effects, 16 presets by 16 variations with DSP MUTE switch and Peak LED and with discrete levels for AUX 1 & AUX 2 monitoring
- Main Out features a switchable 9 - band graphic EQ
- Channel Inserts and Direct Out in each mono input
- 2 - track IN / OUT with discrete switches for routing to Control Room and / or to Main Mix
- Two different ways of SOLO PFL (Pre-fade listen) AFL (After-fade listen) for a better control over signal
- Matrix (MAIN MIX / 1-2 / 3-4) & discrete output level for Phones & Control Room

- Main Mix inserts for flexible connection to outboard equipment
- Balanced XLR & TRS jack output
- Total outs: 12 for L - 16 (8 direct outs + 4 sub-groups), 16 (12 direct outs + 4 sub-groups) for L - 20
- Dimensions (WxDxH): L - 16: 518 x 400 x 38 / 115mm (20.4"x15.7"x1.5/4.5")
L - 20: 626 x 400 x 38 / 115mm (24.6"x15.7"x1.5/4.5")
- Weight: L - 16: 7.8kg (17.2 lb)
L - 20: 9.3kg (20.5 lb)



MIXERS



S SERIES

Our international best - seller! The compact ▲LTO S - series mixers offer unequalled value in every aspect. They sound fantastic and feature excellent ergonomics for easy accurate use in demanding situations. All the exceptional reliability that has helped establish ▲LTO's reputation for excellence around the World.

- Balanced inputs for clean, hum - free performance
- Extremely low noise preamps
- 48 Volt Phantom Power
- High headroom for wide dynamic range
- 2 - Track inputs assignable to main mix, control room & headphone outputs
- Sealed potentiometers
- Built - in power transformer (Except S-6)
- Inserts on mic channels

S-6 6-Channel 2-Bus Mixing Console

- 2 mono inputs with gold plated XLR and balanced TRS jack
- TRIM and + 48V Phantom Power for mono inputs
- 2 stereo inputs with balanced TRS jack
- Peak LED in each channel
- Very effective 3 - band EQ
- 1 POSTFADER AUX send for effects and send can be changed in PRE - FADER for monitoring
- Stereo AUX return with level
- 2 - track IN / OUT with discrete switches for routing to Control Room and / or to Main Mix
- Discrete output level for Phones / Control Room
- Balanced TRS jack output
- Dimensions (WxDxH): 171 x 224 x 34 / 40mm (6.7"x8.8"x1.3/1.6")
- Weight: 1.3kg (2.9 lb)



S-8 8-Channel 2-Bus Mixing Console

- 4 mono inputs with gold plated XLR and balanced TRS jack
- TRIM and + 48V Phantom Power for mono / mic inputs
- 2 stereo inputs with balanced TRS jacks
- Peak LED in each channel
- Very effective 3 - band EQ
- 2 AUX sends: AUX 1 PRE - FADER for monitoring AUX 2 POST - FADER for effects send can be changed in PRE - FADER for monitoring
- 2 Stereo AUX return with level and routing to AUX 1
- 2 - track IN / OUT with discrete switch for routing to Control Room and / or to Main Mix
- Discrete output level for Phones / Control Room
- Balanced XLR & TRS jack output
- Dimensions (WxDxH): 245 x 268 x 24 / 73mm (9.6"x10.6"x0.9/2.9")
- Weight: 2.4kg (5.3 lb)



MIXERS

S SERIES

S-12 12-Channel 2 + 2-Bus Mixing Console

- 4 mono inputs with gold plated XLR and balanced TRS jacks with low cut filter @75Hz - 18dB / Oct.
- TRIM and + 48V Phantom Power for mono / mic inputs
- 4 stereo inputs with balanced TRS jack with level select switches
- Very effective 3 - band EQ
- 2 AUX sends: AUX 1 with PRE - / POST - FADER switch for monitoring / effects AUX 2 POST - FADER for effects send can be changed in PRE - FADER for monitoring
- Each input channel features MUTE / ALT3 - 4, SOLO switches, LEDs & clip indicating LED
- MASTER SECTION FEATURES
- 2 Stereo AUX return with level and routing to AUX 1
- 2 - track IN / OUT with discrete switch for routing to Control Room and to Main Mix
- Two different ways of SOLO PFL (Pre-fade listen) AFL (After-fade listen) for a better control over signal path
- Matrix (MAIN MIX / 1-2 / 3-4) & discrete output level for Phones / Control Room
- Balanced XLR & TRS jack output
- Dimensions (WxDxH): 300 x 355 x 28 / 80mm (11.8"x14.0"x1.1/3.2")
- Weight: 4.0kg (8.8 lb)



S-16 16-Channel 2 + 2-Bus Mixing Console

- 8 mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct.
- TRIM and + 48V Phantom Power for mono / mic inputs
- 4 stereo inputs with balanced TRS jack with level select switches
- 3 - band EQ with sweepable MID on mono inputs
- 4 - band fixed EQ on stereo inputs
- 2 AUX sends: AUX 1 with PRE - / POST - FADER switch for monitoring / effects AUX 2 POST - FADER for effects send can be changed in PRE - FADER for monitoring
- Each input channel features MUTE / ALT3 - 4, SOLO switch, LEDs & OVERLOAD LED
- 2 Stereo AUX return with level and routing to AUX 1
- 2 - track IN / OUT with discrete switches for routing to Control Room and to Main Mix
- Two different ways of SOLO PFL (Pre-fade listen) AFL (After-fade listen) for a better control over signal path
- Matrix (MAIN MIX / 1-2 / 3-4) & discrete output level for Phones / Control Room
- Balanced XLR & TRS jack output
- Dimensions (WxDxH): 408 x 370 x 28 / 80mm (16.1"x14.6"x1.1/3.2")
- Weight: 5.2kg (11.5 lb)



MIXERS



AMX SERIES

The AMX mixers are the perfect solution for small and compact Studio and Live sound applications. Particular care has been put in the colour scheme of the top panel. Each group of functions is identified with a different colour for easy operation even with poor light conditions. And in the smaller models the Master Volume is a large, rotative jog style knob that it is immediately identified. Despite their dimensions the AMX mixers include some features that are not always available on products of this class such as an extra MIC channel with one of the stereo input (on selected models), a volume control for the Tape input, a gain control for the stereo return (so that it can be used as additional input channel) and full EQ on MIC and stereo channels. Most AMX mixers are also available with built-in DSP unit with 256 different programs and with USB interface. Our USB solution is quite innovative since you can assign to the USB socket either CH 1 - 2 or to the Main MIX and then return into the mixer the stereo signal into the Main Mix or on CH 15 -16 (in case of AMX 220) for further over - dubbing.

AMX - 80 8 Input, Innovative Design Console With Large Jog for Volume Control, 2 Track Input Assignable to Main or Control Room

- 1 MIC input with gold plated XLR and balanced TRS jack
- TRIM and + 18V phantom power for mono inputs
- Peak LED in each channel
- Very effective 2 - band EQ
- 2 - track IN / OUT with discrete switches for routing to Control Room and to MAIN Mix
- Discrete output level for Phones / Control Room
- Dimension (WxDxH): 204 x 126.5 x 38mm (8"x 5"x 1.5")
- Net weight: 0.7Kg (1.5 lb)



AMX - 100 / AMX - 100FX 10-Channel 2-Bus Mixing Console / With DSP

- 2 mono inputs with gold plated XLR and balanced TRS jack
- TRIM and + 48V Phantom Power for mono inputs
- 2 stereo inputs with balanced TRS jack
- Peak LED in each channel
- Very effective 3 - band EQ
- 1 POSTFADER AUX send for effects sends can be changed in PRE - FADER for monitoring
- Stereo AUX return with level
- 2 - track IN / OUT with discrete switches for routing to Control Room and to Main Mix
- Discrete output level for Phones / Control Room
- Balanced TRS jack output
- Dimensions (WxDxH): 208 x 275.5 x 35 / 45mm (8.2"x10.8"x1.4/1.8")
- Weight: 1.8kg (4.0 lb)



(FX)

AMX - 120 12-Channel 2-Bus Mixing Console

- 2 mono inputs with gold plated XLR and balanced TRS jack with very effective 3 - band EQ
- TRIM and + 48V Phantom Power for mono inputs
- 4 stereo inputs with balanced TRS jack
- Peak LED in each channel
- 1 POSTFADER AUX send for effects sends can be changed in PRE - FADER for monitoring
- Stereo AUX return with level
- 2 - track IN / OUT with discrete switches for routing to Control Room and to Main Mix
- Discrete output level for Phones / Control Room
- Balanced TRS jack output
- Dimensions (WxDxH): 208 x 275.5 x 35 / 45mm (8.2"x10.8"x1.4/1.8")
- Weight: 1.7kg (3.7 lb)



MIXERS

AMX SERIES

AMX - 140 / AMX - 140FX 14-Channel 2-Bus Mixing Console

- 4 mono inputs with gold plated XLR and balanced TRS jack
- TRIM and + 48V Phantom Power for mono / mic inputs
- 2 stereo inputs with balanced TRS jack, input 5 has a mic input too
- Peak LED in each channel
- 3 - band EQ
- 2 AUX sends: AUX 1 with PRE - / POST - FADER switch for monitoring - AUX 2 POST - FADER for effects sends can be changed in PRE - FADER for monitoring
- 2 Stereo AUX return with level and routing to AUX 1
- 2 - track IN / OUT with discrete switches for routing to Control Room and to Main Mix
- Discrete output level for Phones / Control Room

- Balanced XLR & TRS jack output
- Dimensions (WxDxH): 270 x 310 x 35 / 45mm (10.6"x12.2"x1.4/1.8")
- Weight: 2.5kg (5.5 lb)



AMX - 180 / AMX - 180FX 18-Channel 2 + 2-Bus Mixing Console

- 4 mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct.
- TRIM and + 48V Phantom Power for mono / mic inputs
- 4 stereo inputs with balanced TRS jack with level select switches input 5 has a mic input too
- 3 - band EQ
- 2 AUX sends: AUX 1 with PRE / POST - FADER switch for monitoring - AUX 2 POST - FADER for effects sends can be changed in PRE - FADER for monitoring
- Each input channel features MUTE / ALT3 - 4, SOLO switches and LEDs & OVERLOAD LED
- 2 Stereo AUX return with level and routing to AUX 1
- 2 - track IN / OUT with discrete switches for routing to Control Room and to Main Mix
- Two different ways of SOLO PFL (Pre-fade listen) AFL (After-fade listen) for a better control over signal path
- Matrix (MAIN MIX / 1-2 / 3-4) & discrete output level for Phones / Control Room

- Balanced XLR & TRS jack output
- Dimensions (WxDxH): 409 x 330 x 35 / 45mm (16.1"x13"x1.4/1.8")
- Weight: 3.8kg (8.4 lb)



AMX - 220 / AMX - 220FX 22-Channel 2 + 2-Bus Mixing Console

- 8 mono inputs with gold plated XLR and balanced TRS jack with low cut filter @75Hz - 18dB / Oct.
- TRIM and + 48V Phantom Power for mono / mic inputs
- 4 stereo inputs with balanced TRS jack with level select switches
- 3 - band EQ with sweepable MID on mono inputs
- 4 - band fixed EQ on stereo inputs
- 2 AUX sends: AUX 1 with PRE - / POST - FADER switch for monitoring - AUX 2 POST - FADER for effects sends can be changed in PRE - FADER for monitoring
- Each input channel features MUTE / ALT3 - 4, SOLO switches and LEDs & OVERLOAD LED
- 2 Stereo AUX return with level and routing to AUX 1
- 2 - track IN / OUT with discrete switches for routing to Control Room and to Main Mix
- Two different ways of SOLO PFL (Pre-fade listen) AFL (After-fade listen) for a better control over signal path
- Matrix (MAIN MIX / 1-2 / 3-4) & discrete output level for Phones / Control Room
- Balanced XLR & TRS jack output

- Dimensions (WxDxH): 427 x 412 x 35 / 48mm (16.8"x16.2"x1.4/1.9")
- Weight: 5.9kg (13.0 lb)



MIXERS



AMX SERIES

AMX - 140FX USB / AMX - 180FX USB / AMX - 220FX USB

INPUT SECTION MONO CHANNELS

- AMX - 140FX USB - 4 mono inputs with gold plated XLR and balanced TRS jack
- AMX - 180FX USB - 4 mono inputs with gold plated XLR and balanced TRS jack
- AMX - 220FX USB - 8 mono inputs with gold plated XLR and balanced TRS jack
- Mic / line inputs with TRIM, 48V Phantom Power and low cut filter @75Hz - 18dB / Oct.
- AMX - 140FX USB & AMX - 180FX USB EQ: 3 - band fixed EQ
- AMX - 220FX USB EQ: 3 - band EQ with sweepable MID



MONO / STEREO CHANNEL (AMX-140FX USB & AMX-180FX USB only)

- MIC input with TRIM, 48V Phantom (low cut filter @75Hz-18dB/Oct. on AMX-180FX USB)
- Two line inputs with 2 TRS balanced input jacks, mono on left jack only
- 3 - band fixed EQ

STEREO CHANNELS

- 2 TRS balanced input jacks each channel, mono on left jack only, with GAIN switch
- AMX - 140FX USB - 2 stereo channel with 3 - band EQ
- AMX - 180FX USB - 4 stereo channel with 3 - band EQ
- AMX - 220FX USB - 4 stereo channel with 4 - band EQ



COMMON FEATURES FOR ALL INPUT CHANNELS

- 2 AUX sends:
- AUX 1 PRE - FADER, for monitoring
- AUX 2 POST - FADER, for effects sends
- Peak LED on each input channel

AMX - 180FX USB / AMX - 220FX USB COMMON FEATURES

- AUX 1 with PRE - / POST - FADER switch for monitoring / effects operation
- MUTE / ALT3 - 4, and SOLO switches and LEDs
- Two different ways of SOLO PFL (Pre-fade listen) AFL (After-fade listen) for a better control over signal path
- Matrix (MAIN MIX / 1-2 / 3-4) & discrete output level for Phones / Control Room

MASTER SECTION

- 2 Stereo AUX return with level and routing to AUX 1
- 2 - track IN / OUT with level and discrete switches for routing to Control Room and to Main Mix
- 24 - bit internal DSP with 256 effects (16 presets by 16 variations), DSP MUTE and Peak LED.



ANALOGUE INSERTS & OUTPUTS

- AMX - 140FX USB - 4 insert (mono channels) MAIN MIX outputs
- AMX - 180FX USB - 4 insert (mono channels) MAIN MIX & ALT 3 - 4 outputs
- AMX - 220FX USB - 8 insert (mono channels) MAIN MIX & ALT 3 - 4 outputs

USB SECTION

- Recording / overdubbing can be achieved by selecting input channels 1 - 2 or L + R MAIN MIX output signals
- Playback can be achieved by selecting MAIN MIX or HIGHER NUMBERED stereo channel (CH7/8 for AMX-140FX USB; CH11/12 for AMX-180FX USB; CH15/16 for AMX-220FX USB)
- By selecting the HIGHER NUMBERED stereo channel you can easily adjust the desired monitoring & fx levels for each overdubbing musician!

Dimensions (WxDxH) and Weight

- AMX - 140FX USB: 270 x 310 x 35 / 45mm (10.6"x12.2"x1.4/1.8"); 3.0Kg (6.6 lb)
- AMX - 180FX USB: 409 x 330 x 35 / 45mm (16.1"x13"x1.4/1.8"); 3.8kg (8.4 lb)
- AMX - 220FX USB: 427 x 412 x 35 / 48mm (16.8"x16.2"x1.4/1.9"); 5.9kg (13.0 lb)



MIXERS

GHIBLI SERIES

Possibly the most compact 16 channel mixing desk in the world. These small marvels include 16 input channels, a three band EQ with mid - sweep on all channels, a compressor and de-ESSER on the MIC channels, a Bass Enhancer, a Surround processor and a powerful DSP unit (only on Ghibli 16FX) with separate controls for the effects (delays, modulations, etc) and the separate digital reverb.

GHIBLI 16FX 16-Channel Mixing Console with Digital Effects

- Built - in digital effect processor
- Balanced ultra - low noise Microphone Inputs with "HIGH END PREAMP"
- Insert function for all mono channels
- TUBE SOUND COMPRESSOR on the MIC1 - 4 channels + De - esser function
- Mono channels with 3 bands EQ + Mid Frequency sweep
- Mute and clip function on all mono channels
- Extremely high headroom offering more dynamic range
- Surround processor with center and surround out + Stereo Bass Enhancer
- 2 AUX Control per mono channel for internal / external effects and monitoring
- High - quality, low tolerance components for highest results
- External power supply design for professional applications
- Rugged construction ensures long life and durability
- Suitable for Live, Studio and Home applications
- Dimensions (WxDxH): 270 x 198 x 43mm (10.6"x7.8"x1.7")
- Weight: 1.7kg (3.7 lb)



MIXERS



DJM SERIES - DJ MIXERS

Every mixer in the DJM series comes with twin BPM counters, cross - fader curve control, VCA - assisted faders, Tempo Difference LEDs and Time Offset, allowing every DJ, from beginners to pros, deliver the ultimate performance!

DJM - 2 2-Channel DJ mixer

- 2 phono + 2 line inputs
- MIC input with level control
- GAIN and 2 - band "KILL" EQ for stereo inputs
- Crossfader curve control
- Intelligent dual auto beat counter with time and beat sync display
- Master PFL switch
- Dimensions (LxWxH): 221.5 x 245 x 76.6mm (8.7"x9.6"x3.0")
- Weight: 2.6kg (5.7 lb)



DJM - 3 2-Channel DJ mixer

- 2 phono + 2 line inputs
- MIC input with + / - 15dB bass & + / - 15dB treble EQ
- GAIN and 2 - band "KILL" EQ for stereo inputs
- Crossfader curve control
- Intelligent dual auto beat counter with time and beat sync display
- Talk (voice-over) control
- Surround control for a better audibility
- Master PFL switch
- VCA assisted faders
- Dimensions (LxWxH): 248 x 245 x 76.6mm (9.8"x9.6"x3.0")
- Weight: 2.9kg (6.4 lb)



DJM - 4 3-Channel DJ mixer

- 3 input channels: 1 MIC / PHONO - LINE
- 2 PHONO - LINE / LINE
- 3 PHONO - LINE / LINE
- MIC input with + / - 15dB bass & + / - 15dB treble EQ
- GAIN and 3 - band "KILL" EQ for stereo inputs, with "Kill" switches!
- KILL HOLD & KILL TAP switches for each band of inputs 2 & 3
- Crossfader curve control
- Intelligent dual auto beat counter with time and beat sync display
- Talk (voice-over) control
- Surround control for a better audibility
- Main out + Booth Out Discrete levels for main amplification and DJ booth
- Master PFL switch Master PFL level and balance (Input1/Input2)
- VCA assisted faders
- Dimensions (LxWxH): 248 x 245 x 76.6mm (9.8"x9.6"x3.0")
- Weight: 2.9kg (6.4 lb)



MIXERS

APM SERIES

4 years ago, ▲LTO shocked the market introducing the lightest power mixer ever made. Today we bring this concept to perfection with the APM models. Based on the same circuitry of our advanced D Series amplifiers, APM mixer includes a switch mode power supply and an advanced digital circuitry for the power amplifier section. The result is solid and clear lightweight power that is unprecedented for mixer of this size and weight. The output power available ranges from 1000 to 2500 watt for a total weight starting at 10 Kg only. Mixer section includes studio level microphone preamplifiers, master EQ and DSP unit.

- Ultra - low noise discrete Mic Preamps with + 48V Phantom Power
- Extremely high headroom offering more dynamic range
- 60 mm high precision faders
- Each input channel with Mute, SOLO function, Overload & signal present LEDs and low cut filters (except for stereo channel)
- MAIN L - R signal assignment switchable
- 4 AUX sends per channel: 2 PRE / POST faders switch - able for monitoring application and effects & sound processor input; 2 POST faders for internal digital DFX or as external send
- 4 - band fixed EQ on stereo line channels
- 3 - band EQ with swept mid on microphone channels
- Channel inserts and direct outputs on each mono channel plus main mix insert for flexible connection of outboard equipment
- 24 - bit DSP effect for 256 choices (16 presets x 16 variations)
- Stereo 9 - band graphic EQ
- BNC socket for connecting lamp
- Control room / phones matrix
- 2 - TRACK IN assignable to main mix, control room / headphone outputs
- Highly accurate 12 segment output level meters

APM120 12-Channel 2 + 2-Bus Powered Mixing Console

NEW

- 8 mic / line input channels and 2 stereo line inputs
- 8 XLR + 1/4" TRS BALANCED Mono channel inputs
- 2 stereo channel inputs (1/4" TRS BALANCED)
- 8 mono channel inserts
- 4-Way Speakon + 6.3 Phone Jack for output connection
- Main output: 2 x 1/4" TRS unbalanced
- 2 stereo outputs for monitoring
- Power Output: Stereo: 2 x 500W continuous EIAJ (4 Ω)
Bridged: 1 x 1000W continuous EIAJ (8 Ω)
- Power AMP Mode: STEREO L / R; AUX1 + MONO / MONO BRIDGE
- Dimensions (WxDxH): 476 x 560 x 44 / 135mm
(18.7"x22"x1.7/5.3")
- Weight: 10.6kg (23.4 lb)



MIXERS

APM SERIES

APM160 16-Channel 2 + 2-Bus Powered Mixing Console

NEW

- 12 mic / line input channels and 2 stereo line inputs
- 12 XLR + 1/4" TRS BALANCED Mono channel inputs (MIC/LINE)
- 2 stereo channel inputs (1/4" TRS BALANCED)
- 12 mono channel inserts
- 4-Way Speakon + 6.3 Phone Jack for output connection
- Main output: 2 x 1/4" TRS unbalanced
- 2 stereo outputs for monitoring
- Power Output:
 - Stereo: 2 x 750W continuous EIAJ (4 Ω)
 - Bridged: 1 x 1500W continuous EIAJ (8 Ω)
- Power AMP Mode: Switchable for STEREO L / R, AUX1 + MONO / MONO BRIDGE
- Dimensions (WxDxH): 581 x 560 x 44 / 135mm
(22.9"x22"x1.7/5.3")
- Weight: 12.6kg (27.8 lb)



APM200 20-Channel 2 + 2-Bus Powered Mixing Console

NEW

- 16 mic / line input channels and 2 stereo line inputs
- 16 XLR + 1/4" TRS BALANCED Mono channel inputs (MIC/LINE)
- 2 stereo channel inputs (1/4" TRS BALANCED)
- 16 mono channel inserts
- 4-Way Speakon + 6.3 Phone Jack for output connection
- Main output: 2 x 1/4" TRS unbalanced
- 2 stereo outputs for monitoring
- Power Output: (EIAJ)
 - 1) Stereo L + R & stereo L + R (750Wx2 + 500Wx2)
 - 2) SUB. L + R & AUX1 + MONO (750Wx2 + 500Wx2)
 - 3) MONO & MONO (1500Wx1 + 1000Wx1)
- Power AMP Mode:
 - 1) SPEAK A-B: Switchable for STEREO L / R, SUB. L / R, MONO BRIDGE
 - 2) SPEAK C-D: Switchable for STEREO L / R, AUX1 + MONO / MONO BRIDGE.
- Dimensions (WxDxH): 685 x 560 x 44 / 135mm
(27"x22"x1.7/5.3")
- Weight: 15.3kg (33.7 lb)



MIXERS

APM SERIES

APM box mixer includes a switch - mode power supply and an advanced digital circuitry for the power amplifier section. The available range of output power is from 1000 to 3000 watt for a total weight starting at 8.5 KG only. Mixer section includes studio level microphone preamplifiers and master EQ.

APM80.1000 8-Channel, 1000W Powered Box Mixer

NEW

- Built - in Stereo Digital Power Amplifier:
Stereo: 2 x 500W continuous EIAJ (4 Ω)
Bridged: 1 x 1000W continuous EIAJ (8 Ω)
- Power AMP Mode: Stereo left + stereo right / AUX1 + MONO / MONO BRIDGE
- Power Output Connectors: 4-Way Speakon + 6.3 Phone Jack
- Dimensions (LxWxH): 556 x 226 x 316mm (21.9"x8.9"x12.4")
- Weight: 8.5kg (18.7 lb)



APM80.1500 8-Channel, 1500W Powered Box Mixer

NEW

- Built - in Stereo Digital Power Amplifier:
Stereo: 2 x 750W continuous EIAJ (4 Ω)
Bridged: 1 x 1500W continuous EIAJ (8 Ω)
- Power AMP Mode: Stereo left + stereo right / AUX1 + MONO / MONO BRIDGE
- Power Output Connectors: 4-Way Speakon + 6.3 Phone Jack
- Dimensions (LxWxH): 556 x 226 x 316mm (21.9"x8.9"x12.4")
- Weight: 9.5kg (20.9 lb)



APM80.QUAD 8 - Channel, 2000W Powered Box Mixer

NEW

- Built - in Stereo Digital Power Amplifier:
Stereo: 4 x 500W continuous EIAJ (4 Ω)
Bridged: 2 x 1000W continuous EIAJ (8 Ω)
- Power AMP Mode:
1) Stereo left + stereo right (500Wx4)
2) Stereo left + stereo right (1000Wx2)
3) Stereo left + stereo right (500Wx2) + MONO (1000Wx1)
- Power Output Connectors: 4 - Way Speakon + 6.3 Phone Jack
- Dimensions (LxWxH): 556 x 226 x 316mm (21.9"x8.9"x12.4")
- Weight: 10.3kg (22.7 lb)



MIXERS



PBM SERIES

Compact, exceptionally portable and packed with features! LTO's PBM Series takes a well - established format and re - works, using the latest technology to provide the ultimate portable mixer / amp. Ideal for small venues, rehearsal rooms and anywhere where an all - in - one solution is needed.

PBM 4 4-Channel Powered Mixer

- EIAJ power: 2 x 100W @4 Ω
- Low noise MIC preamp
- 7 - band equalizer
- Monitor output with volume control
- Send and return sockets
- 16 preset DSP unit with MUTE and Return control
- Footswitch control for DSP in and out
- Dimensions (LxWxH): 216.5 x 143.5 x 152.5mm (8.5"x5.7"x6.0")
- Weight: 9.5kg (20.9 lb)



PBM 8.250 MKII 8-Channel Stereo Powered Mixer with DSP

- Stereo mode: 250W @4 Ω (EIAJ)
222W @4 Ω (RMS)
190W @8 Ω (EIAJ)
149W @8 Ω (RMS)
- Bridge mode: 500W @8 Ω (EIAJ)
415W @8 Ω (RMS)
- 8 Mic Input / 2 Stereo Input
- Ultra Low Noise Mic Preamplifier
- 3 Bands EQ on Input Channels
- 256 Position Multieffect
- Master Equalizer for Main and Monitor
- Built in Feedback Terminator
- Dimensions (LxWxH): 550 x 220 x 310mm (21.7"x8.7"x12.2")
- Weight: 14kg (30.9 lb)



PBM 8.500 MKII 8-Channel Stereo Powered Mixer with DSP

- Stereo mode: 500W @4 Ω (EIAJ)
400W @4 Ω (RMS)
300W @8 Ω (EIAJ)
263W @8 Ω (RMS)
- Bridge mode: 1000W @8 Ω (EIAJ)
738W @8 Ω (RMS)
- 8 Mic Input / 2 Stereo Input
- Ultra Low Noise Mic Preamplifier
- 3 Bands EQ on Input Channels
- 256 Position Multieffect
- Master Equalizer for Main and Monitor
- Built in Feedback Terminator
- Dimensions (LxWxH): 550 x 220 x 310mm (21.7"x8.7"x12.2")
- Weight: 15kg (33.1 lb)

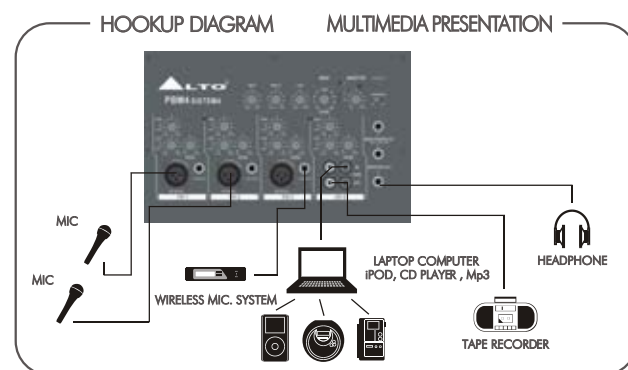


MIXERS

POWERED MIXER

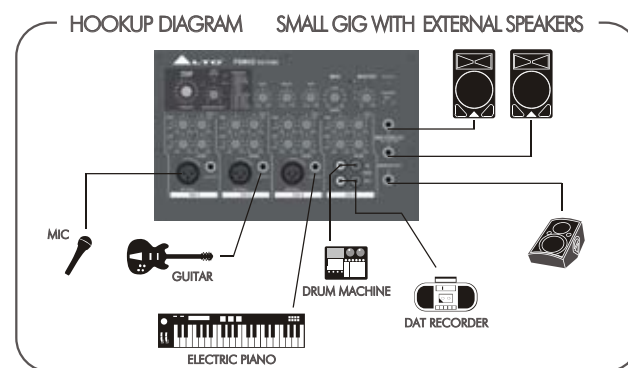
PBM4 SISTEMA 4-Channel Powered Mixer with Speakers

- Output Power: 450Wx2 (RMS) / 66W x 2 (EIAJ) @4Ω
- 3 MIC input / 1 stereo input - output
- 3 bands master EQ
- Monitor output with volume control
- Internal 2 x 5" full range speakers
- Main Powered output. Automatic disconnection from internal amplifier while external speakers
- Dimensions (LxWxH): 318 x 194 x 160mm (12.5"x7.6"x6.3")
- Weight: 12.2kg (26.9 lb)



PBM4D SISTEMA 4-Channel Powered Mixer with Speakers, DSP

- Output Power: 450Wx2 (RMS) / 66W x 2 (EIAJ) @4Ω
- 3 MIC input / 1 stereo input - output
- 3 bands master EQ
- Monitor output with volume control
- Internal 2 x 5" full range speakers
- Main Powered output. Automatic disconnection from internal amplifier while external speakers
- 4 - channel mixer with 24 - bit internal DSP with 256 effects, 16 presets by 16 variations
- Dimensions (LxWxH): 216.5 x 143.5 x 152.5mm (8.5"x5.7"x6.0")
- Weight: 12.6kg (27.8 lb)



MIXERS



PA SYSTEM

OEX400 The Ultimate Compact Portable Sound System

- 350W (EIAJ) total power
- 10" (254mm.) custom coaxial speakers
- 7 input channels mixer, with wide choice of balanced / unbalanced input options
- 16 preset Internal Digital Effects section, including effects combination
- Lightweight, interlocking components adopting luggage style transportation system
- Three helpful handles (one for each speaker and one for the main unit) allow easier carriage.
- Ideal compact portable audio system to ENJOY YOUR MUSIC!

Mixer Section

- Microphone / Line Input
- Frequency Response: 10Hz to 55KHz + / - 3dB
- Microphone Input Impedance: 3.9kΩ
- Line Input Impedance: 10kΩ
- Microphone Input S / N ratio: >94dB
- Microphone Inputs: Balanced XLR connectors
- Line Inputs: Balanced / unbalanced, 1/4" (6.3mm.) TRS jack connectors
- Tape Inputs: Unbalanced RCA jack
- Inputs Distortion (THD+N): 0.04% at 0dBu, 1KHz
- Channel EQ: High shelving + / - 15dB @ 12KHz
- Low shelving + / - 15dB @ 80Hz
- Aux Send: 1 with paths for DSP internal section, external DSP section and Monitor Out
- DSP Section: 24 - bit HALL, ROOM, VOCAL, PLATE, STEREO DELAY, REV + DELAY, and REV + CHORUS combinations
- Master Section: Master Level knob, 4 LEDs level meter, 7 - band graphic output EQ, and DSP Return level
- Output Master EQ: 7 - band, + / - 15dB @ 63Hz, 160Hz, 400Hz, 1KHz, 2.5KHz, 6.3KHz, 16KHz
- Monitor Section: Master Level knob, 4 LEDs level meter, and 1/4" (6.3mm.) MONITOR OUT jack



Speakers Section

- System Type: 2 - way Coax Vented Box
- Frequency Response: 65Hz - 20KHz @ -10dB
- Spherical Horn Coverage: 70H° x 70V°
- Continuous Power: 150W AES Standard (each speaker)
- Peak Power: 300W Peak (each speaker)
- Protection: Electronic circuit on driver
- Speaker specifications: 10" (254mm.) Low Frequency Driver / 2" (50.8mm.) Voice Coil
- 1" (25.4mm.) Neodymium High Frequency Driver / 1" (25.4mm.) Voice Coil
- Input connectors: 1/4" (6.3mm) mono (TS) jack on each cabinet

Amplifier Section

- Output Power: 350W (EIAJ)
- Impedance: 4Ω
- Protections: Overload / Short Circuit / Soft Clip Limiter / Thermal Protection Fan Cooling

Standard Package

- 2 speakers cables
- 1 power cord
- 2 microphone cables
- Stands: F - 8 or F - 3 are not included



MIXERS

PA SYSTEM

Until now, self contained pa systems have been limited to solo performance: low power, scarce quality of the speakers, bad low frequency response and poor functionality of the mixer limited their acceptance among a wider range of customers.

Orient express models address the needs of small and middle size bands offering in a single package on wheels up to 1000 watts of power, 7 speakers including 12" or 15" subwoofer, 12 channel mixer, digital multieffect and even speaker tripods and cables.

It is powerful, it is designed in Italy and it is flexible.



2 x 6.5" Alto made
mid - woofer



400W amplifier
for subwoofer



14 - channel console mixer with
24bit digital multi - effect

190W amplifier for
each satellite



MIXERS

PA SYSTEM



OEX600

- 3 - Way Powered System: Bi - Amp plus passive crossover into Satellite.
- LOW Output Power: 150W (RMS) @4Ω / 162W (EIAJ) @4Ω Class AB
- MID - HIGH Output Power: 75W + 75W (RMS) @8Ω / 165W (EIAJ) @8Ω Class AB
- Peak Power Rating: 600W Peak
- Max SPL at 1mt: 116.5dB Continuous - 119.5dB Peak (calculated)
- Frequency Response: 55Hz - 20KHz @ - 10dB
- Impedance Low - Mid / High: Low 4Ω - Mid / High 8Ω
- Crossover Frequencies: Active 125Hz at 12dB / Oct - Passive 3000Hz at 12dB / Oct with Electronic Dynamic Protections.
- Amplifier Protection Function: Thermal Protection - Overload Protection
- Low Frequency Device: 12" / 318mm - 2" Voice Coil
- Mid Frequency Device: 2 x 6.5" / 165mm - 1" Voice Coil
- High Frequency Device: 1" Compression Driver - 1" Voice Coil
- Horn Coverage H° x V°: 80H° x 80V°
- Plastic Reinforced Cabinet: Polypropilene
- Dimensions (WxDxH): 1060 x 700 x 700mm
(41.7"x23.6"x23.6")
- Weight: 43kg (94.8 lb)

OEX900

- 3 - Way Powered System: Bi - Amp plus passive crossover into Satellite.
- LOW Output Power: 250W (RMS) @4Ω Class H / 410W (EIAJ)
- MID - HIGH Output Power: 150W + 150W (RMS) @8Ω / 380W (EIAJ) @8Ω Class AB
- Peak Power Rating: 1200W Peak
- Max SPL at 1mt: 119.5dB Continuous - 122.5dB Peak (calculated)
- Frequency Response: 45Hz - 20KHz @ - 10dB
- Impedance Low - Mid / High: Low 4Ω - Mid / High 8Ω
- Crossover Frequencies: Active 125Hz at 12dB / Oct - Passive 3000Hz at 12dB / Oct with Electronic Dynamic Protections.
- Amplifier Protection Function: Thermal Protection - Overload Protection
- Low Frequency Device: 15" / 385mm - 2.5" Voice Coil
- Mid Frequency Device: 2 x 6.5" / 165mm - 1.5" Voice Coil
- Horn Coverage H° x V°: 80H° x 80V°
- Plastic Reinforced Cabinet: Polypropilene
- Dimensions (WxDxH): 1060 x 700 x 700mm
(41.7"x23.6"x23.6")
- Weight: 50.7kg (111.8 lb)