

We are proud to announce four new models, expanding our best-seller LYNX-MIX series with some compact models and some very large format models.

**LYNX-MIX62** and **LYNX-MIX82** are very compact mixers with a lot of features generally found on larger models, like two Aux sends, 3-band EQ, and Tape In level knob. Of course models **LYNX-MIX62 FX** and **LYNX-MIX82 FX** are provided with a powerful FX section. We're sure all end-users will really appreciate these mixers of versatility!

## **LYNX-MIX62/ 62 FX** 6 Input, 2 Bus Console, DSP (for 62FX)

- 2 MIC input channels with gold plated XLR and balanced LINE input
- 2 stereo input channels with balanced TRS jacks
- Ultra-low noise discrete MIC pre-Amps with +48V Phantom power
- Extremely high head room offering extra dynamic range
- Balanced inputs for optimal signal integrity
- Warm, natural 3-band EQ on each channel
- **Built-in 24 bits digital effects process (For LYNX-MIX62 FX model)**
- Peak LED on each channel
- 2 AUX sends pre-channel for external effect sand monitoring
- Main out put, Control room and head phone out puts
- 2-Track inputs assignable to main mix, control room/ head phone out puts
- Highly accurate 8-segment bar-graph meters
- Dimensions (WxDxH): 202 x 250 x 58 mm (7.95" x 9.84" x 2.28")
- Net Weight: 1.7kg (3.75lbs)



## **LYNX-MIX82/ 82 FX** 8 Input, 2 Bus Console, DSP (for 82FX)

- 4 MIC input channels with gold plated XLR and balanced LINE input
- 2 stereo input channels with balanced TRS jacks
- Ultra-low noise discrete MIC pre-Amps with +48V Phantom power
- Extremely high head room offering extra dynamic range
- Balanced inputs for optimal signal integrity
- Warm, natural 3-band EQ on each channel
- **Built-in 24 bits digital effects process (For LYNX-MIX82 FX model)**
- Peak LED on each channel
- 2 AUX sends pre-channel for external effect sand monitoring
- Main out put, Control room and head phone out puts
- 2-Track inputs assignable to main mix, control room/ head phone out puts
- Highly accurate 8-segment bar-graph meters
- Dimensions (WxDxH): 256 x 250 x 72 mm (10.08" x 9.84" x 2.83")
- Net Weight: 2.3kg (5.07lbs)



ALTO's mixers integrate the successful models **LYNX-MIX124 USB**, **LYNX-MIX164 USB**, **LYNX-MIX204 USB** and **LYNX-MIX244 USB**, featuring two smart switches to make the USB port versatile in recording, overdubbing and karaoke! Furthermore, model **LYNX-MIX124 UM** is more versatile, adding to smart switches USB port and MP3 player section, which is routable to inputs 9/10 thus making it perfect for karaoke, with its 4 Aux sends for stage monitors and effects.

### 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 x16 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 UM** 12 Input, 4 Bus Console, USB Port, MP3 Player On Board

- 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 (WxDx H): 415 x 400 x 38/115 mm (16.34" x 15.74" x 1.5"/4.53")
- Net Weight: 6.7kg (14.77lbs)



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

- 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 (WxDxH): 415 x 400 x 38 / 115mm (16.34"x15.74"x1.5"/4.53")
- Net Weight: 5.7kg (12.57 lb)

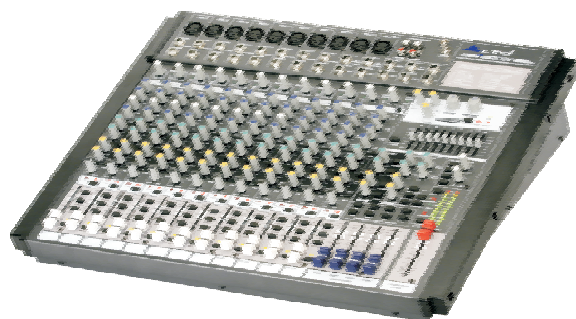




## LYNX-MIX164 USB

16 Input, 4bus Console With USB Interface

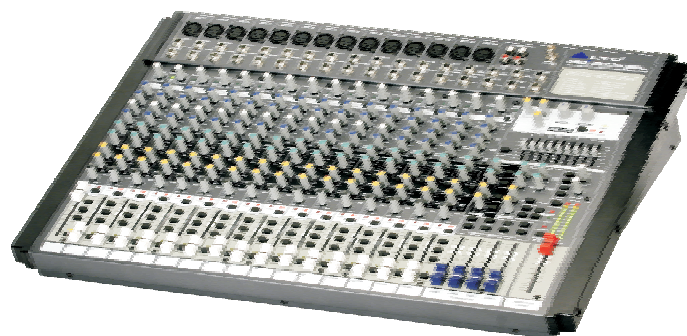
- 8 mono inputs with gold plated XLR and balanced TRS jack with low cut . filter @75Hz - 18dB / Octand insert
- 4 Stereo inputs with balanced TRS jack with level select switches inputs 9 & 10 have mic. Input too.
- Dimensions (WxDxH): 518 x 400 x 38 / 115mm (20.39"x15.75"x1.5"/4.53" )
- Net Weight: 6.9kg (15.21 lb)



## LYNX-MIX204 USB

20 Input, 4 Bus Console With USB Interface

- 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 (WxDxH): 626 x 400 x 38 / 115mm (24.65"x15.75"x1.5"/4.53" )
- Net Weight: 8.2kg (18.08 lb)



## LYNX-MIX244 USB

24 Inputs, 4 Bus Console With USB Interface

- 18MIC inputs with gold plated XLR and balanced TRS jack
- 4 Stereo input channels with balanced TRS jacks
- Dimensions (WxDxH): 765 x 400 x 38/115 mm (30.12" x 15.75" x 1.5"/4.53")
- Net Weight: 10.6kg (23.37lbs)



Our large format mixers we created **LYNX-MIX4882**, **LYNX-MIX3282** and **LYNX-MIX2482**.

All these mixers are the evolution of our large format mixer, adding some features to improve flexibility.

In particular the fully featured and powerful 10/4 Matrix, makes these mixers the right answer for the demanding professionals venues.

### SPECIFICATION

- Input Impedance  
Mic Input: 2k $\Omega$  balanced  
Line Input: 10k $\Omega$  balanced, 20k $\Omega$  unbalanced  
Insete Input: 10k $\Omega$  unbalanced
- Input Gain Control Range  
Mic In: 0 dB to +50 dB  
Line In: Mono Channel -15 dB to +35 dB  
Stereo Channel -20 dB to +20 dB
- Maximum Input Levels  
Mic In: +21 dBu, Gain@unity  
Line In: +35 dB, Gain@-15 dB
- Phantom Power  
Mic Input: +48V DC
- Low cut Filter slope  
Mono Channel Input Only: -18 dB/Oct. @75Hz
- Equalization  
Mono Channel: High:  $\pm 15$  dB(shelving), switchable from 1.6kHz to 16kHz  
Mid-H:  $\pm 12$  dB(peak/dip), switchable from 0.8kHz to 8kHz  
Mid-L:  $\pm 12$  dB(peak/dip), switchable from 160Hz to 1.6kHz  
Low:  $\pm 15$  dB(shelving), switchable from 40Hz to 400Hz  
Stereo Channel: High:  $\pm 15$  dB(shelving) @12kHz  
Mid-H:  $\pm 15$  dB(peak/dip) @3kHz  
Mid-L:  $\pm 15$  dB(peak/dip) @400Hz  
Low:  $\pm 15$  dB (shelving) @80Hz
- LED Level Meter  
Channel & GR & Matrix & AUX RTN Meter: 4 point LED meter (PEAK, +10,0,-30)  
Main Output/ Monitor Meter: 2 x 16 point LED meter
- Common Mode Rejection Ratio  
Mic Input: >60 dB @ 1k Hz
- Frequency Response  
Mic Input to Main Output (@Unity): +0,-1dB,@ 20Hz to 22kHz
- Distortion(THD)  
Mic Input to Main Output(@0dBu): THD<0.008% max, 0.006% typical, 20Hz to 22kHz
- Noise Floor  
Summing Noise: -85 dBu (24 channels routed with faders down)  
-75 dBu (24 channels routed at 0dB)  
Signal-to-Noise Ratio: -110 dB (gain +50dB)
- Crosstalk  
Input to Outputs: >80 dB@ 1kHz  
Adjacent Inputs: >90 dB@ 1kHz



## LYNX-MIX2482

### 24 Input Channel Console Mixer

- Dimensions (WxDxH): 1052 x 236.3 x 847.8 mm  
(41.42" x 9.3" x 33.38" )
- Net Weight: 23.6kg (52.03lbs)
- Power Supply: AC Input 100-120V 60Hz, 210-240V 50Hz.  
DC Output +16V x 5A



## LYNX-MIX3282

### 32 Input Channel Console Mixer

- Dimensions (WxDxH): 1252 x 236.3 x 847.8 mm  
(49.29" x 9.3" x 33.38")
- Net Weight: 29.7kg (65.48lbs)
- Power Supply: AC Input 100-120V 60Hz, 210-240V 50Hz.  
DC Output +12V x 2A



## LYNX-MIX4882

### 48 Input Channel Console Mixer

- Dimensions (WxDxH ): 1752 x 236.3 x 847.8 mm  
(68.98" x 9.3" x 33.38")
- Net Weight: 41.7kg (91.93lbs)
- Power Supply: AC Input 100-120V 60Hz, 210-240V 50Hz.  
DC Output +48V x 0.5A

