

AQUA SERIES

The Studiomaster Professional Aqua Series is a Compact Professional mixer, designed for a large variety of applications.



• **7 band stereo Graphic Equalizer**



• **Built in 24-Bit Multi-FX processor with Tap Tempo**



- 2 Aux Sends - Aux + EFX (When internal FX is not used).
- 2 Sub groups with Individual outputs.
- Globally Switched +48V Phantom Power.
- 3 Band EQ per Channel.
- Mic / Line selectivity switch on each mono channel with 20 dB PAD for mic input.
- Mix, Group & PFL Routing per channel.
- L/R Pan control & signal LED per channel.
- Headphone and monitor outputs with level control.
- Stereo RCA Playback & record outputs.
- FS mute jack to connect to a standard footswitch to switch On/Off internal EFX.
- Balanced XLR Outputs.



Technical Specifications

Model	AQUA 6	AQUA 8	AQUA 10	AQUA 14
Inputs	4 Mic/Line+2 Stereo	6 Mic/Line+2 Stereo	8 Mic/Line+2 Stereo	12 Mic/Line+2 Stereo
Nominal Gain (Mic/Line/Stereo Line)			60dB/40dB/20dB	
Max Gain (Mic/Line/Stereo Line)			80dB/60dB/40dB	
Input Levels Sensitivity				
Mic (Gain Min/Gain Max)			-10dBu/ -60dBu	
Line (Gain Min /Gain Max)			+10dBu / -40dBu	
Input Impedance			2KΩ Balanced	
Main Output level (Nominal / Max)			0dBu (0.775V RMS) / +22dBu (10V RMS)	
Main Output Impedance			75Ω	
Frequency Response			20Hz to 20KHz (+0/-2 dB)	
Total Harmonic Distortion			< 0.006%	
Signal to Noise Ratio			85dB	
Equalisation (Mic / Stereo Line)			-±15dB (12KHz HF / 2.5 KHz MF/60Hz LF) / ±15dB (12KHz HF / 2.5 KHz MF/80Hz LF)	
Effect			16 Effects, 24-Bit EFX Processor	
Phantom supply			+48V	
Dimensions (W x D x H)mm	322 x 317 x 134	376 x 317 x 134	430 x 317 x 134	538 x 317 x 134
Net Weight (Kgs.)	4.5	5.0	5.5	6.5

*Designs & Specifications are subject to change without notice.

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AUDIPLUS

A1/A2, Giriraj Industrial Estate, Mahakali Caves Road, Andheri (East), Mumbai - 400 093. Tel.: 022-42869000 / 01
Fax: 022-26871453 Whats App: +91-8888887049 (Marketing Enquiries only) E info@audioplus-india.com /
W www.audioplus-india.com & www.studiomasterprofessional.com

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Studiomaster®

PROFESSIONAL

aspire for more...



Professional Mixing Consoles

AiR SERIES

The Studiomaster Professional AiR Series mixers are the answer for budget-conscious users who refuse to sacrifice sound quality and reliability.

Technical Specifications



AiR 2 : 2 Mic / Line + 2 Stereo inputs
AiR 4 : 4 Mic / Line + 2 Stereo Inputs

- Delay EFX on board & FX send per channel.
- 3 Band EQ on mono, 2 band on stereo
- Rotary control knobs per channel
- Stereo RCA CD In & Out with Control.
- Headphone output with control
- L/R Pan Pot & Clip LED per Channel
- Dual 10 Segment L/R LED meter for master level.
- Balanced ¼" Jack Master outputs.

Model	AiR 2	AiR 4
2 Gain (Mic/Line/Stereo Line)	60dB/40dB/20dB	
Input Levels Sensitivity		
Mic (Gain Min/Gain Max)	-5dBu / -60dBu	
Line (Gain Min /Gain Max)	+6dBu / -40dBu	
Stereo Line (Gain Min /Gain Max)	+10dBu / -20dBu	
Main Output level (Nominal / Max)	+0dBu (0.775V RMS) / +20dBu (7.75V RMS)	
Frequency Response	20Hz to 20KHz (+0/-3 dB)	
Total Harmonic Distortion	< 0.03%	
Signal to Noise Ratio	-85dB	
Clip indication	4 dB prior to true clip	
Equalisation (Treble/Mid/Bass)	±15dB @ 12KHz/2.5KHz/80 Hz	
EFX	Delay with repeat	
Power Supply	AC 240 V/50Hz	
Dimensions (W x D x H in mm)	190 x 245 x 85	245 x 245 x 85
Net Weight (Kgs.)	1.85	2.25



Technical Specifications

- Delay EFX on board & FX send per channel.
- 1 Aux send.
- 3 Band EQ per channel.
- PFL (Cue) Switch with individual channel control
- L/R pan pot and clip LED per channel.
- Stereo RCA CD input with Control.
- Headphone output with level control.
- Balanced XLR & ¼" Jack Master Output.

Model	AiR 6	AiR 8	AiR 12	AiR 16
Inputs	6 Mic / Line	8 Mic / Line	12 Mic / Line	16 Mic / Line
Gain (Mic/Line)	60dB/40dB			
Input Levels Sensitivity				
Mic (Gain Min/Gain Max)	-5dBu/ -60dBu			
Line (Gain Min /Gain Max)	+6dBu / -40dBu			
Main Output level (Nominal / Max)	+0dBu (0.775V RMS) / +20dBu (7.75V RMS)			
Frequency Response	20Hz to 20KHz (+0/-3 dB)			
Total Harmonic Distortion	< 0.03%			
Signal to Noise Ratio	-85dB			
Clip indication	4 dB prior to true clip			
Equalisation (Treble/Mid/Bass)	±15dB @ 12KHz/2.5KHz/80 Hz			
EFX	Delay with repeat			
Dimensions (W x D x H) mm	250x335x115	305x335x115	410x335 x115	517x335x115
Net Weight (Kgs.)	3	3.8	4.8	5.5

AiR Pro Series

The AiR Pro Series are a range of Professional Mixing Console designed for live, front-of-house touring and installation applications.



AiR Pro 18: 18 Inputs Mixer
(16 Mic/Line + 1 Stereo Input).



AiR Pro 24: 24 Inputs Mixer
(20 Mic/Line + 2 Stereo Inputs).



AiR Pro 28: 28 Inputs Mixer
(24 Mic/Line + 2 Stereo Inputs).



AiR Pro 36: 36 Inputs Mixer
(32 Mic/Line + 2 Stereo Inputs).

Common Features:

- 3-band EQ with Mid-sweep on mono inputs.
- Inserts On Mono Channel.
- Mix & Group Routing on each channel.
- 100mm faders.
- PFL switch on each channel.
- Peak & Mute LED per channel.
- Balanced XLR & Jack Master Output

Additional Features: (AiR Pro 18)

- 6 AUX Channels (4 pre, 2 post).
- Provision on board to route EFX to monitors (via AUX 3 & AUX 4).
- Split global Phantom power from 1-8 & 9-16.

Additional Features: (AiR Pro 24)

- 3 AUX Channels (1 Pre, 2 post) & stereo Aux return
- 4 Sub Groups with individual output.
- Split global phantom power (from channel 1-12 & 17-24)

Additional Features: (AiR Pro 28 & 36)

- 6 AUX Channels (4 pre, 2 post) & stereo Aux return.
- 6 Sub Group with individual outputs.
- Individual + 48V Phantom switch on each channel
- Mono sub output with low frequency selection.
- 12 V Lamp Socket

Technical Specifications

Model	AiR Pro 18 NEW	AiR Pro 24	AiR Pro 28	AiR Pro 36
Nominal Gain (Mic/Line/Stereo Line)	60dB/40dB/20dB			
Max Gain (Mic/Line/Stereo Line)	80dB/60dB/40dB			
Input Levels Sensitivity				
Mic (Gain Min/Gain Max)	-10dBu / -60dBu			
Line (Gain Min /Gain Max)	+10dBu / -40dBu			
Stereo Line (Gain Min /Gain Max)	+10dBu / -20dBu			
Input impedance				
Mic Input	1.5KΩ Balanced	1.5KΩ Balanced	1.5KΩ Balanced	
Line input	20KΩ Balanced /10KΩ Unbalanced			
Main Output level (Nominal / Max)	+0dBu (0.775V RMS) / +20dBu (7.75V RMS)			
Frequency Response	20Hz to 20KHz (+0/-1 dB)			
Total Harmonic Distortion	< 0.02%			
Signal to Noise Ratio	-80dB			
Clip indication	5 dB prior to true clip			
Equalisation				
Mono Mic [Treble/Mid(with sweep)/Bass]	±16dB @ 12KHz/140Hz-3KHz/80 Hz			
Stereo Mic/Line (Treble/Bass)	±16dB @ 12KHz/80 Hz			
EFX	2 x 16EFX (EFX1 & EFX 2)			
Phantom supply	+48V (Split Global for 1-8 & 9-16 Channels)	+48V (Split Global for 1-12 & 17-24 Channels)	+48V (Individual Switch at each Channels)	
Dimensions (W x D x H)mm	645 x 506.5 x 111.5	680 x 520 x 130	900 x 520 x 130	1105 x 520 x 130
Net Weight (Kgs.)	12	12.5	16.5	18