

## 8-ch press mixer for outside broadcast van and for the event recording



### 8CH mixer for outside broadcasting

## FS-805

Accessory: AC cable, Rack mount hardware

Please select A type (input:F, output:M) or B type (input:M, output:F) when you place order.



### FS-805L: without EXT connector

- |                           |                              |                                  |                            |                                      |                             |
|---------------------------|------------------------------|----------------------------------|----------------------------|--------------------------------------|-----------------------------|
| Input<br>8CH              | Each CH<br>HYPER<br>LIMITER  | Parametric<br>Equalizer          | Pre Fader<br>Listen<br>PFL | Output<br>Trans                      | 3-step<br>MASTER<br>LIMITER |
| VU/PK<br>switchable       | Stereo<br>recording          | Input<br>Trans                   | PEAK<br>Indicator          | Continues variable<br>Low cut filter |                             |
| Oscillator<br>1kHz        | Phantom<br>P48/AB12          | Continues<br>variable<br>pan-pot | Volume<br>position<br>LED  | Continues variable<br>Trim           |                             |
| 6.3 headphone<br>terminal | Pop-up type<br>Master volume | AC<br>Power                      | XLR4P<br>DC12VIN           | Built-in<br>Intercom                 | EIA 2U<br>Rack mount        |

B type



Rear Panel

### Intercom built-in

It makes direct-connection with more than one PROTECH wire type intercom FD-300A by using the headset FL-301 available separately and it realizes simultaneous communication among all the members.

### Built-in pan-pot of the infinitely variable

It is possible to adjust a sound image position freely by the pan-pot of the infinitely variable in stereo recording.



**It is possible to adjust the level of L/R with one volume in stereo input.**

The level adjustment of 2-ch is possible only by the master volume of L channel for stereo input with two microphones when the link switch is ON.



**It is possible to confirm the sound before mixing by PFL function.**

It is possible to confirm the level and equalizer in standby mode during recording by the Pre Fader Listen (PFL) function.

**It is possible to operate with the outside broadcast van by centering the operations on the front.**

It centered the each function of input selection, trim, pan-pot, equalizer, low-cut, PFL switch, limiter on/off switch on the front.



**Input-side and output-side are equipped with transformer.**

Thanks to the transformer of input-side and output-side, the noise of the in-phase to have been led to the cable is removed, and the original signal quality can be kept.



**Double limiter for input and output**

Independence hyper limiter is equipped in each input side and it suppresses over-level instantly. 3-step variable master limiter is equipped in master output side.

## FS-805 Specifications

Input part	Audio	1-8ch, XLR 3pin (male) x8
	Input level	Microphone: -70dBm to -36dBm variable continuously (for 1-8ch only)
		Line: -30dBm to +4dBm variable continuously
	Impeadance	600 ohm $\pm$ 10%
	DC	XLR 4pin (male) x1
Output part	Master audio output	MAS L/R XLR 3pin L/R (female) x each1
		SYB L/R XLR 3pin L/R (female) x each1
	Sub audio output	RCA L/R x each1
	Headphone monitor	6.3 $\phi$ stereo standard jack x1
	Maximum output	L/R +24dBm
	Audio output level	L OUT +4,0,-20,-60dBm
		R OUT +4,0,-20,-60dBm
Electronic balanced output which fits in with the 600 ohm load Unbalanced output MONI OUT -6dBs Unbalanced output which fits in with the equal to or more than 8 ohm load		
General characteristic	Frequency characteristic	Line 50Hz - 15KHz $\pm$ 1.0dB
		MONI 50Hz - 15 $\pm$ 3.0dB
	S/N	Equal to or more than 54dB (at -70dBm input) Equal to or more than 64dB (at +4dBm input) MONI equal to or more than 60dB (30kHz L, P, F use, input 600 ohm branch)
		Distortion percentage
Built-in circuit	Equalizer	FRQ 250 - 8KHz
		LEVEL -12dB - +12dB
		Independent adjustment and 0N/OFF can be done at each channel.
	Phantom power supply	P-48V(+48V) and A-B12V are equipped in each channel Total 30mA of maximum supply current for 3ch
	H.P.F.	20 - 300Hz, -12dB/oct Frequency variable continuously
	Oscillater	1kHz
	Audio level meter	VU/Peak meter switchable type It is possible to select VU/Peak meter for each channel.
Limiter	Each input-side independent 3 systems Independent ON/OFF possible	
	Pre-fader line	Functon to confirm master volume just before
Power	External AC input	AC100V-240V 50/60 Hz
	External DC input	DC9V - 18V Max. 0.9A
	Power consumption	approx. 0.7A
General	Temperature Operation Storage	From 0 degree C to 40 degree C From -20 degree C to 50 degree C
		Weight
	Dimension	430x88x280mm (WxHxD)