

There are no amplifiers or dedicated wiring in Sigma mainframes. This is the result of a deliberate policy which has two important consequences.

Firstly, since the frame is passive there is a negligible risk of reliability problems and secondly, since the frame is uncommitted to a module configuration it can be manufactured rapidly at lower cost and yet support a wide variety of finished systems. All module positions in all frames are electrically identical.

For the owner these facts will yield lower maintenance costs and greater freedom to specify the chosen console and if necessary modify it to meet changing requirement. Noteworthy design and construction features are summarised below.

- A rigid and heavy mainframe structure that is fabricated on a welded tubular frame which carries all loads. The frame is metal throughout. Integral welded stands which are fitted after delivery to facilitate loading and unloading and reduce shipping costs.

- Attractive solid wood trims which finish the end profiles. The stands include hollow sections at each end to accept descending cable harnesses.

- False rear panels behind which all connections are concealed.

- Removeable connector panels to accept multiway headers, these are supplied blank.

- Access to all serviceable parts from the upper surfaces. The meterbridge opens through 270 degrees for service access.

- Simple module interface connections which use industry standard connectors and enable easy service procedures.

- Internal harness which uses IDC techniques and gold-on-gold main module contacts.

- Independent module assemblies and fader assemblies.

- Complementary 12 module extender frame which is available at time of order or for retrofit as required. The electrical joining hardware is installed in mainframes at time of manufacture for left hand extension as standard. Right hand extension to order. The extender draws power from the mainframe power supply.

- Complementary 19" rack producer's desk patchbay system which is optional and can be ordered prewired or empty.

- Trims are supplied for all frame sections including extenders and patchbays. There is provision to secure sub-sections against movement and some trim sections can be omitted in this case.

- Choice of mainframe sizes:

- 36 module total capacity 24S frame

- 48 module total capacity 24L frame

- Choice of metering:

- 8 or 16 monitor meters in 24S frames

- 16 or 24 monitor meters in 24L frames

All versions include Left and Right monitor meters and dedicated Auxiliary output meters. Illuminated VU panel meters are fitted, except Aux output which are 5 segment bar graph.

- Both frame sizes accept extenders and patchbays.

- When calculating non standard configurations allow four positions for the master module set M440 and M450.

- All systems include power supply and connecting cables. Power supply capacity will allow up to 56 modules of the current types.

Power supply accepts input voltages 110, 120, 220, 240V AC 50/60Hz.

Power supply is a 19" 3U x 360mm which does not employ forced air fan cooling.

A Sigma mainframe is solid, the foundation for a versatile and hard working sound control system.

Our sales agent will confirm details with you for non standard formats.

Sigma Series consoles in standard configurations are listed below. There are more module types available than it is necessary to install in any one Sigma console to achieve an operating system. These are examples of possible configurations, since modules may be mixed there are configurations to suit every application.

24 x 8 24S frame M410 and M420 modules plus master module set M440 + M450

32 x 8 24S frame M410 and M430 modules plus master module set

24 x 16 24S frame M410 and M430 modules plus master module set

32 x 24 24S frame M470 in-line modules plus master module set

28 x 16 24L frame M410 and M420 modules plus master module set

20 x 24 24L frame M410 and M420 modules plus master module set

36 x 16 24L frame M410 and M430 modules plus master module set

44 x 24 24L frame M470 in-line modules plus master module set

32 x 24 24L frame plus extender M410 and M420 modules plus master module set

56 x 24 24L frame plus extender M470 in-line modules plus master module set

Part loaded frames available to order.

Other module configurations available to order.

Producers desk/patchbay frames are optional and can be supplied empty or fully wired.

Extender frames are available for retrofit on site at a later date.

Standard consoles include 100mm linear fader.

AHB VCA DC group fader system and fader automation systems also available.

Dimensions are shown on the reverse of the Sigma folder.