

SonaFlex™ SERIES



SF-16M Matrix Amplifier

One System, Many Applications

Whether you install audio systems in commercial facilities or in residential structures, the SF-16M has the features and capabilities to handle just about any application you may encounter. Its flexibility and musical power give the user so much more than traditional audio systems, while giving installers a streamlined installation process. FlexPort audio wall plates provide a convenient way to add source inputs up to 500 feet from the SF-16M via one

Cat 5 cable. Each SF-16M accepts up to four FlexPort input channels.



SF-16M FEATURES:

- 16 RCA inputs combined with two Cat 5 “FlexPort” inputs equals 20 mono/10 stereo input channels
- 16 amplified outputs can be configured as mono, stereo, or a combination of stereo and mono
- Class-D amplification provides a conservatively rated 45 watts per channel (all channels driven) at 8 Ohms
- Linear power supply delivers the warmth and musicality of an analog amplifier
- Hi- and low-shelf filters, hi- and low-pass filters, and up to 7 bands of parametric equalization per output
- 10 audio overrides (triggered by contact closure, IR, and RS-232 commands) enable paging, local source selection, and room combining functionality
- 10 programmable sound scenes can be saved and recalled using IR, RS-232 or IP commands
- 10 audio groups allow multiple outputs to be grouped to share volume, mute, and source selection
- Link up to four SF-16M units into one 64 output system
- Optional FlexPort modules accept balanced line/mic, XLR, digital coax/optical and analog RCA audio source connections
- Control via RS-232, Ethernet or IR



FlexPort Modules



**BALANCED AUDIO
WITH OVERRIDE PIN**



**XLR / TRS MIC
COMBINATION**



**DIGITAL AUDIO WITH
ANALOG OUTPUT**



**UNBALANCED
ANALOG AUDIO**

Why Your Clients Will Love SonaFlex

- 1. Local Source Selection:** Popular audio sources such as iPods, appleTVs and BluRay players can be located near the listener and connected via FlexPort modules. Simple push-button override is easy to use. This feature is also ideal for restaurants and clubs with live music.
- 2. Sound Scenes:** A Sound Scene is a system-wide snapshot of all volume and source settings. It is a perfect way to set the mood for parties, restaurant ambience and other commonly used system settings that need to be recalled with a single button press. Up to 10 Sound Scenes can be stored and recalled per SF-16M.
- 3. Output Grouping:** Allows multiple outputs to be grouped together to share volume ramping, muting, source selection and more. Groups are ideal for making large areas a single audio zone or for grouping outputs with hi-pass and low-pass filters (sub/sat combinations) so that they respond together as one zone. Up to 10 groups can be stored per SF-16M.

[Learn more about the SF-16M](#) and other Audio Authority products.


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