

SRM-80A

Signal Router/Monitor

FURMAN
SOUND, INC.



The missing link for your Digital Audio Workstation!

FEATURES

- A single stereo source (usually the stereo L&R mix coming out of your recording system or DAW) can be routed to any of 3 sets of monitor speakers and 4 mix-down recorders (such as cassette, DAT, CD, and Minidisc Recorders)
- Adjust listening volume of monitor speakers without affecting the signal level routed to your mix-down recorder.
- Route signal from one recorder to another with the simple turn of a knob. Adjust listening volume separately between 2 recorders.
- Connect 3 sets of Active (powered) monitor speakers
- Inputs for a power amp allows one power amp to drive 2 sets of Passive (non powered) monitor speakers
- Front panel headphone output with level control
- Output Select switches route the signal between the 4 mix-down recorders for making dubs or copies.
- Monitor Select function allows you to listen to any device connected to the SRM-80A
- High quality 80 segment LED Meters. Choose between Average and Peak style metering.
- Front panel trim controls to adjust for equal loudness when switching between monitor speakers
- Mono sum for identifying out of phase signals
- Dim button reduces monitor signal by 15db
- Optional SRM-RU remote control

Handles all of your signal routing/monitor needs in a simple, easy to use 1 rack space unit. Route a stereo signal to 3 pairs of Monitor Speakers and 4 mix-down recorders.

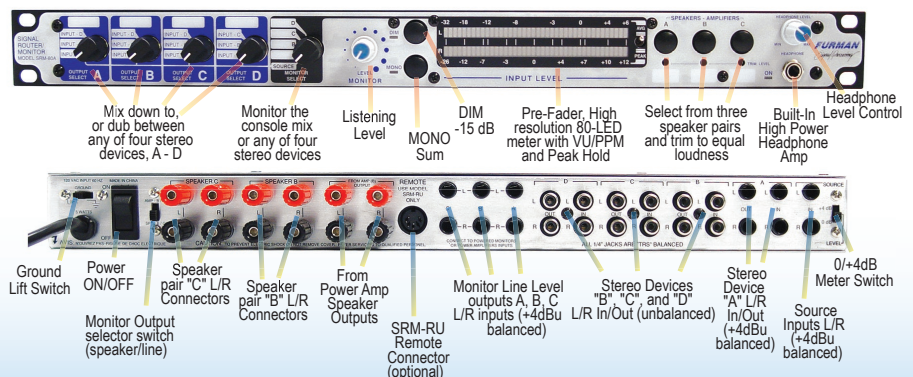
Effectively adds a Monitor Section to your recording system without adding an external mixing console and grants the capability of routing the stereo signal to your various mix-down recorders.

Additionally, the SRM-80A has been designed for the most critical listening environments and delivers clean transparent audio.

DESCRIPTION

The SRM-80A has all the functions found in the Monitor section on large recording consoles. Additionally the SRM-80A gives you the routing capabilities needed to connect all of your mix-down recorders.

Simply take the stereo outputs coming off your Sound card or digital I/O, plug into the back panel on the SRM-80A. Plug up to 3 sets of Monitor speakers into the back as well as your





DESCRIPTION (CONTINUED)

Cassette decks, DAT Recorders, CD Recorders, and Minidisc recorders. You now have the ability to assign that stereo signal to all these devices as you need.

Need to make copies or dub between any of the 4 mix-down recorders? The SRM-80A has it covered. Route signals between any of the 4 Mix-down decks with the simple turn of a switch.

Additionally the SRM-80A allows you to adjust your listening volume without altering the signal level going to your mix-down recorder or between any of the Mix recorders when dubbing or making copies.

Accurate metering is handled by high quality 40 segment LED meters. Meter ballistics can be selected to show Average level or Peak level which includes Peak hold.

Speaker Select buttons include a volume trim pot so that the different Monitor speakers can be adjusted to equal volume. This allows you to do comparisons between the different monitor speakers without needing to readjust the level manually.

The unique "Power amp sharing" function of the SRM-80A allows you to plug the speaker outputs from a conventional power amp into the back panel of the SRM-80A and drive 2 sets of passive, non powered monitor speakers from that single amplifier.

Mono sum button on front panel allows you to do a quick mono check for identifying phasing problems or panning issues. Dim button reduces monitor level to speakers by 15db.

The optional SRM-RU is a compact remote allowing Speaker selection as well as mono sum and Monitor Dim functions.



SRM-RU

An optional five-button SRM-RU allows for the remote control of Speaker Selection, MONO and DIM. An LED indicator is provided for each button and a 10 foot cable is included

SRM-80A SPECIFICATIONS

LINE IN/OUT

Input Impedances:

Source	24 Kohms
A Input	24 Kohms
B Input	40 Kohms
C Input	40 Kohms
D Input	40 Kohms

Output Impedances:

A Output	50 ohms
To Power Amp	50 ohms
B,C,D Output:	<50 ohms

Sensitivity for 0 VU: 0 dBu (.775 Vrms)
or +4 dBu (1.23 Vrms)

Max. Through Input Level: +21 dBu (8.7 Vrms)

Max. Output Level: +27dBu (17.34Vrms)

MONITOR OUTPUTS

Noise:	<-95dBu, 20Hz to 20kHz.
THD + N:	0.003% maximum
Crosstalk:	-83dB minimum @ 10kHz
Connectors:	Balanced TRS input and output jacks sends. RCA jacks for "B", "C", and "D" inputs and outputs.

HEADPHONE OUTPUT

Output Impedance:	56 ohms
THD + N:	0.001% with 750mW driving a 150 ohm load.

POWER AMP

Output Impedance:	50 ohms
Connectors:	1/4" TRS balanced

SPEAKER OUTPUT SWITCHING 8A/240V

Connectors:	Power amp and speaker connectors: 5-way binding posts
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METERS

Accuracy:	±0.5 dB
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MECHANICAL

Dimensions:	1.75" H x 19" W x 6.625" D. Weight: 6 lbs (2.7 kg)
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NOTES

0 dBu equals .775 Vrms