

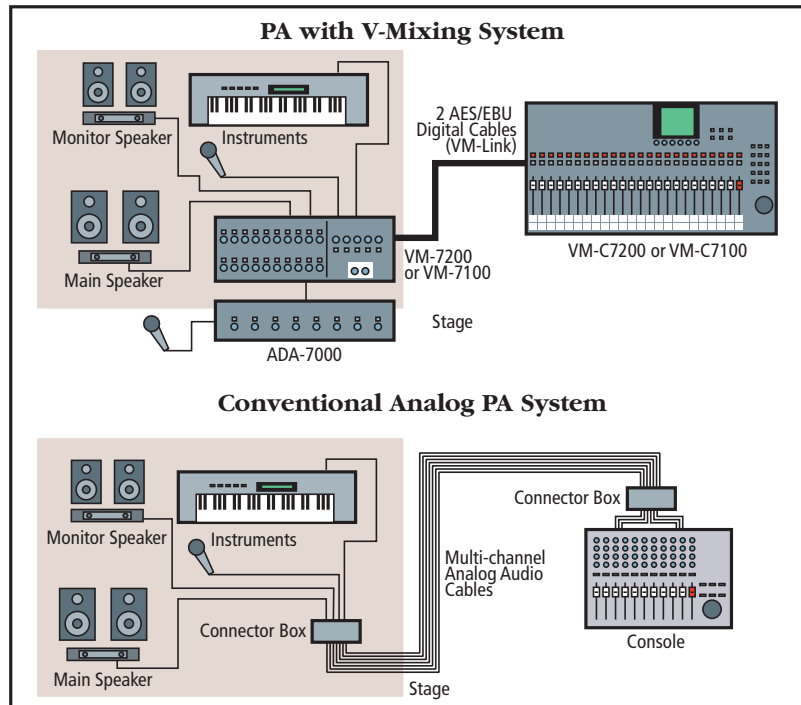


VM-7000 Series Mixers

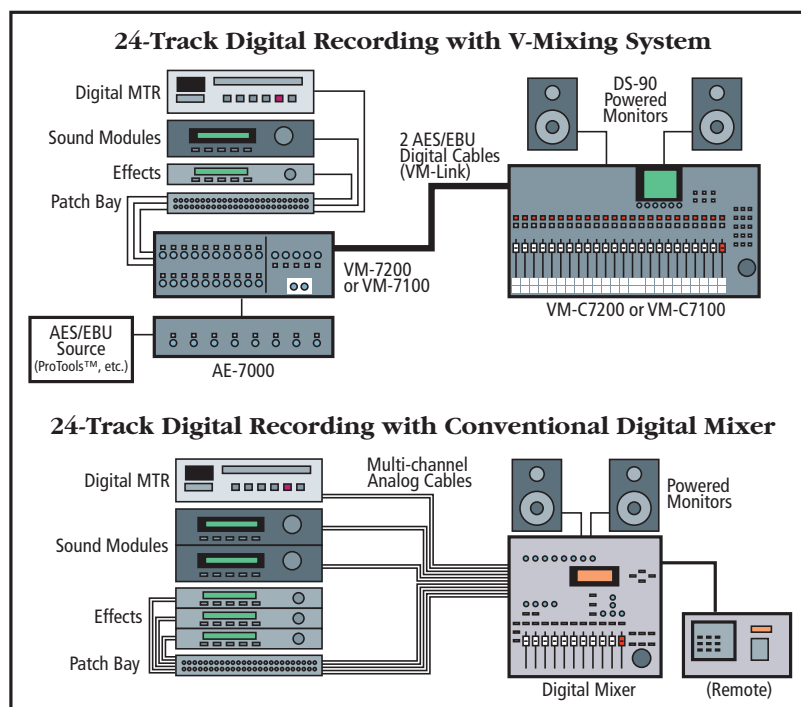
Configuration Guide

EFFECTIVE July 23, 1999

PA System Application



24-Track Digital Recording Application



How to configure a 7000 Series Mixing System in 4 simple steps

► Step 1) Choose the control surface or console you wish to use



VM-C7200 (Console)
25 Motorized Faders
(Pictured with optional VM-SP72 Side Panel Kit)



VM-C7100 (Console)
13 Motorized Faders - Rack Mountable
(Pictured with optional VM-SP71 Side Panel Kit)

Will you need the Rack Mount?



RO-C7100
Rackmount Angle for VM-C7100



MB-24
Level Meter Bridge

How about adding a Meter Bridge?



MB-24
Level Meter Bridge

► Step 2) How many XLR or Analog inputs do you need?



VM-7100 (Processor)
10 inputs

OR



VM-7200 (Processor)
20 inputs



VM-7100 & VM-7200 (Processors)
30 inputs

OR



VM-7200 & VM-7200 (Processors)
40 inputs

You'll need the cascade kit.

PLUS



VM-24C
Cascade Kit

Will you need a "Recessed" Rackmount Kit?

RO-7000
Rack Adapter

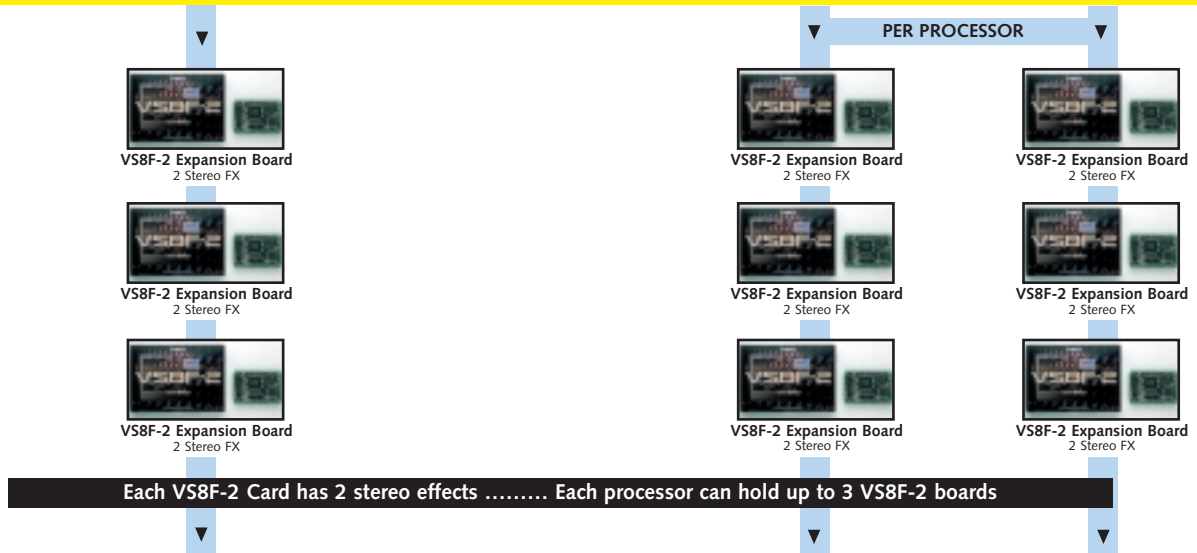
▼ PER PROCESSOR ▼

RO-7000
Rack Adapter

RO-7000
Rack Adapter

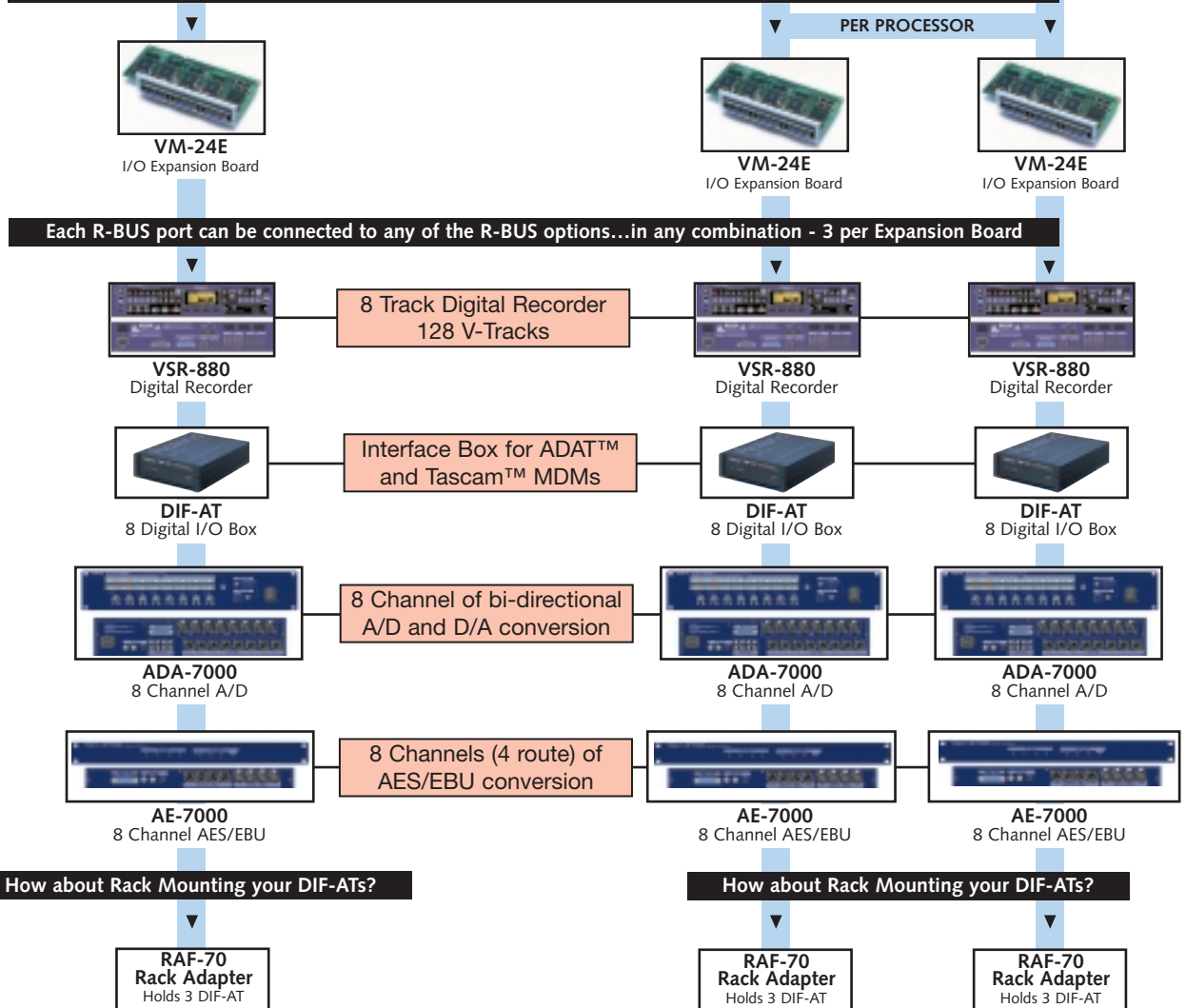
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► Step 3) How many additional stereo effects do you want?



► Step 4) How do you want your mixer to interface with other devices?

Start with an I/O Expansion Board for each processor - Each expansion board provides 3 R-BUS connections



Step 5) Don't forget the accessories!

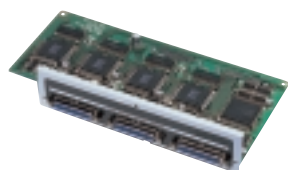
- Cables
- SM-2 2MB Smart Media card - Backs up Mixes, automation and all mixer settings
- SM-4 4MB Smart Media card - Backs up Mixes, automation and all mixer settings

Expansion Options



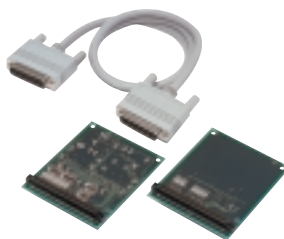
VS8F-2 Effects Expansion Board

Provides two stereo multi-effects processors with Patches and effects algorithms similar to the highly acclaimed VS-1680, as well as innovative new effects like COSM Speaker Modeling.



VM-24E I/O Expansion Board

Offers three R-BUS terminals on a single board. Each R-BUS connector provides 8-in/8-out 24-bit digital audio I/O, yielding 24-in/24-out audio with a single expansion board. (One VM-24E expansion board is required per processor to use the R-BUS options.)



VM-24C Cascade Kit

Connects two VM-Series processor units in line without sacrificing an MTR bus. Using two VM-7200 processors cascaded and fully expanded with R-BUS I/O, 94 channels of audio processing are available.



VSR-880 Rackmount Hard Disk Recorder

With the new VSR-880, Roland puts its legendary V-Studio technology in a rack. The VSR-880 is an 8-track hard disk recorder with 24-bit AD/DA, 128 Virtual Tracks, 999 levels of Undo, and all the powerful editing and optional effects V-Studios are known for. The VSR-880 can be digitally interfaced with a V-Mixing system via its R-BUS terminal for creating a complete digital production studio.



MB-24 Level Meter Bridge

The optional MB-24 Level Meter Bridge provides super-accurate, 10-segment LED metering for up to 94 channels (24 simultaneously), plus a monitor readout, main readout, track status indicators, and an LED which displays timecode and bar/beat information.



DIF-AT Interface Box for ADAT™/Tascam®

Converts signals between R-BUS and ADAT/Tascam T-DIF™. Handles 8-in/8-out digital audio. 1/3 rackmount size.



ADA-7000 8-Channel AD/DA Converter

The ADA-7000 is a 2U rackmount analog I/O expander for R-BUS. It features 24-bit and up to 96kHz A/D and D/A conversion via eight balanced XLR/TRS inputs with balanced XLR and RCA outputs. By cascading two expanded VM-7200 processors, a total of 90 analog inputs (88 XLR balanced with phantom power supply) and 86 analog outputs are available in a single digital mixing system.



AE-7000 AES/EBU Interface

Perfect for users of ProTools™ systems, the AE-7000 converts signals between R-BUS and AES/EBU for up to eight channels of simultaneous 24 bit digital I/O in a 1U rackmount box.