

 **Roland®**  
**AE-7000**  
24-BIT 8 CH  
AES/EBU INTERFACE

# ***TurboStart***

## **It's a Fact...**

The AE-7000 is an interface unit for use with digital devices conforming to 4-route (8-channel) AES/EBU standards-including ProTools™ and other high-end digital recording equipment. The AE-7000 communicates with AES/EBU equipment using Roland's R-BUS technology, found on select V-Mixers and the VSR-880 Digital Studio Recorder. Features include:

- AES/EBU interface box which converts standard digital signals (up to four routes/eight channels) to R-BUS signals for use with select V-Mixers and the VSR-880
- Converts 8-channel digital output from R-BUS ports to AES/EBU standard digital signals
- 24-bit I/O for pristine sound quality

## **Connecting to the VM-7000 Mixer**

*Note: To connect the VM-7200/7100 and the AE-7000 via R-BUS, a VM-24E I/O Expansion Board (sold separately) must be installed in the processor.*

1. With the power off to all devices, connect the VM-7200/7100 to the AE-7000 with the R-BUS cable provided with AE-7000.
2. Turn the power on the AE-7000 first, then the VM-7200/7100 processor. Wait for the VM-7200/7100 control status to change to green, then turn on the VM-C7200/C7100 console.
3. Press CLOCK SOURCE on the AE-7000 to "R-BUS" to set the sampling clock.

Set-up the VM-7000 as follows:

4. Hold down SHIFT and press PROJECT on the VM-C7200/C7100 console.
5. Press the DOWN cursor to select the second row of the SYSTEM MENU.
6. Press F1 [DIGITAL I/O].
7. Press the DOWN cursor to select "WORD CLOCK SOURCE."
8. Use the V1 knob to select "INTERNAL."
9. Press F1 [SET] to confirm the setting.

## **Connecting to the VM-3100Pro**

Use the following procedure to set-up the AE-7000 for use with the VM-3100Pro:

1. With the power off to all devices, connect the VM-3100Pro to the AE-7000 with the R-BUS cable.
2. Turn on the AE-7000, then the VM-3100Pro.
3. Press CLOCK SOURCE on the AE-7000 to select "R-BUS" as the sampling clock.

Set-up the VM-3100Pro as follows:

4. Press the SYSTEM/CONTRAST button.
5. Use the TIME/VALUE dial to select "INTERNAL."
6. Press LEVEL METER to exit.

## **Connecting to the VSR-880**

Use the following procedure to set-up the VSR-880 for us with the AE-7000:

1. With the power off to all devices, connect the VSR-880 to the AE-7000 with the R-BUS cable.
2. Turn on the AE-7000, then the VSR-880.
3. Press CLOCK SOURCE on the AE-7000 to select "R-BUS" as the sampling clock.

Set-up the VSR-880 as follows:

4. Hold down SHIFT and press SYSTEM. "SYS SYSTEM PRM?" will appear in the display.
5. Press ENT/YES.
6. Use the TIME/VALUE dial to select "SYS MasterClk=INT."
7. Press ENT/YES to confirm the setting.
8. Press PLAY/DISPLAY to exit.