

*** ROLAND VM-3100/3100Pro TURBO FACTS ***

The VM-3100 and VM-3100Pro V-Mixing stations offer professional digital mixing capabilities and outstanding 24-bit sound quality in compact and affordable desktop mixers.

Features include:

- 12 audio channel/8 bus design
- Coaxial and Optical digital in/out (S/P DIF)
- Hi-Z guitar input
- Scene memory for instant recall of mixer settings
- EZ Routing for simple mixer operation
- 3 bands of parametric digital EQ per channel
- Preset and User libraries for both EQ and EZ Routing
- 2 built-in compressors that can be applied to any channel
- Stereo digital effects processing with reverbs, delays, chorus, vocal, guitar, and keyboard multi-effects
- MIDI compatibility with external sequencers including transport control, timecode display, and mixer adjustments

Additional VM-3100Pro Features:

- New Roland R-BUS (RMDB II) interface for digital connection to Tascam® DA-series, ADAT® MDMs, digital soundcards, other digital mixers and more (using the optional DIF-AT Interface Box)
- Additional effects processor, 50 additional presets including COSM speaker, microphone, and guitar amp modeling, parametric and graphic EQs, RSS 3-D processing, and more
- 20 channel mixing ability

• **Initializing the VM-3100/3100Pro**

Use the following procedure to restore the factory settings:

NOTE: This procedure will erase all user saved settings.

- 1) Press SYSTEM.
- 2) Press F1-F4 ON/OFF to display the System functions.
- 3) Press F4 [INIT].
- 4) Use the CURSOR buttons (◀ ▶ ▲ ▼) to select "All," and rotate the VALUE dial clockwise to confirm the selection.
- 5) Press ENTER/YES three times.

• **Using EZ Routing to Route the Mic Signal**

Use the following procedure to send the microphone signal from Input 1 through Channel 5:

- 1) Press LEVEL METER. Make sure the Channel faders, Master fader, and the MONITOR LEVEL knob are all the way down.
- 2) Connect a dynamic microphone to Input 1 (XLR or ¼"). Connect a pair of headphones to the MONITOR jack.
- 3) Turn the INPUT 1 knob up to MIC level (all the way clockwise).
- 4) Press EZ ROUTING.
- 5) Press F1-F4 ON/OFF.
- 6) Press F1 [IN]. Use the LEFT/RIGHT CURSOR buttons (◀ ▶) to select "Ch05" (in the upper right portion of the display) and use the VALUE dial to select "IN01."
- 7) Press LEVEL METER.
- 8) Raise the Channel 5 and Master faders to 0dB, and turn up the MONITOR level knob slowly while talking into the mic.

• **Applying Reverb to the Mic Channel**

Use the following procedure to apply digital reverb to the mic:

- 1) Press EFFECTS1.
- 2) Use the VALUE dial to select "P09 RV: Vocal RM" and press ENTER/YES.

Applying Reverb to the Mic Channel (continued)

- 3) Press SELECT 5 for the CH VIEW screen. Turn the V2 knob up to increase the reverb level.
- 4) Press EFFECTS 1. Turn the VALUE dial to select a different effects Patch, and press ENTER/YES.

• **Using the EQ on the Microphone Channel**

Use the following procedure to apply EQ to the mic:

- 1) Press LEVEL METER, then press SELECT 5.
- 2) Press F1-F4 ON/OFF, then press F4 [EQ] to access the Channel 5 EQ.
- 3) Use the UP/DOWN CURSOR buttons (▲ ▼) to highlight the desired EQ parameter, and use the VALUE dial to adjust it.
- 4) Use the EQ HIGH, MID, and LOW knobs to boost or cut the selected frequencies.
- 5) Use the F4 [OFF/ON] button to turn the EQ on or off.

• **Creating and Saving Custom Scenes**

The VM-3100/3100Pro mixers allow you to save all mixer information (channel levels, panning, effects settings, EQ, Routing, etc.) as a scene. Use the following procedure to create and save 2 custom scenes:

- 1) Press BANK, then press F1 [PREF] to see the specific settings you can save as part of your scene.
- 2) Use the CURSOR buttons to scroll through the parameters, and the VALUE dial to select the parameters you wish to save as part of your scene.
- 3) Press the DOWN CURSOR button to display "Trans. Speed." Rotate the VALUE dial to select "5.0 sec."
- 4) Press SCENE1 to save your settings to the first scene (the button lights up).
- 5) Press SELECT 5. Turn the V1 and V2 knobs all the way right then all the way left to pan the signal and turn the effect down.
- 6) Press SCENE2 to save these settings to the second scene (the button lights up).
- 7) Press SCENE1 and speak into the mic to hear your original scene. Press SCENE2 while talking into the mic to hear the transition between the scenes, then press SCENE1 again.
- 8) To erase a scene, hold SHIFT and press the corresponding SCENE button (scene button light turns off).
- 9) Press LEVEL METER to return to the main display.

• **Applying Speaker Modeling to the Output (VM-3100Pro only)**

Speaker modeling allows you to audition your mix in a variety of listening environments using the same pair of monitor speakers. Use the following procedure to apply the COSM speaker modeling effect to the VM-3100Pro's Master Outputs:

NOTE: Although this effect can be used with any monitoring system, it is specifically designed for the Roland DS-90 Powered Monitors.

- 1) Press EFFECTS 2.
- 2) Turn the VALUE dial to select "P99 SPM: SpFlat" and press ENTER/YES.
- 3) Press F1-F4 ON/OFF. Press F2[LOC].
- 4) Use the UP/DOWN CURSOR buttons to highlight the current "Location" setting and use the VALUE dial to select "INS MASTER."
- 5) Press F1-F4 ON/OFF. Press F3[VALUE].
- 6) Use the LEFT CURSOR button to highlight "SpM" on the left of the screen, and press the ENTER/YES button.
- 7) Use the UP/DOWN CURSOR buttons to highlight the current "Model" setting and use the VALUE dial to scroll through the speaker models while speaking into the mic.
- 8) Press LEVEL METER to return to the main display.