

# BOSS ME-80 GUITAR MULTI-EFFECTS TRAINING GUIDE



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## **1. FEATURES & BENEFITS**

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- Traditional BOSS ME-type simple knob-based operation
- COSM amp and effect modeling
- USB port and downloadable BOSS Tone Studio® editor for computer recording, onscreen editing, patch download, for MIDI control, using the ME-80 as an audio interface, etc.
- New dual pedals provide easy access to all functions in real time, including Bank Up/Down, Manual Mode on/off, etc.
- 9 Effect groups: Preamp, Comp/FX1, OD/DS, Modulation, Delay, EQ/FX2, Reverb, Pedal FX, NS
- 9 COSM amplifier models, 11 COSM OD/DS models, 11 Comp/FX1 effects plus additional EQ/ FX2 effects
- Includes 2 MDP effects: MO-2 Overtone and TE-2 Tera Echo
- 10 PEDAL FX types, including +2 Octave, Freeze, OD/DS control, and more
- Built in 38-second Phrase Looper w/ unlimited overdubs
- Modulation and Delay effects support tap tempo for real time tempo-synched effects
- New CONTROL pedal can select multiple effects or change parameters
- Built-in chromatic tuner w/ mute for silent tuning
- Runs on batteries (included) or optional BOSS PSA-120S AC adaptor

## 2. QUICK DEMO

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The Quick Demo is a way to get a customer interested in a product in less than 60 seconds.

### Before You Start

1. Connect the MONO (L) Gt. AMP output of the ME-80 to the clean channel of a good amp, such as a Roland JC-120 or other pro quality amp.

**NOTE:** It is very important to use a pro-quality guitar amp. Why run a high-end effect through a low-end amp?

2. Set the amp's tone controls for a flat response.
3. Connect the ME-80 to power using a BOSS PSA-120S AC Adaptor.
4. Plug a guitar into the GUITAR INPUT of the ME-80.
5. Press the MEMORY/MANUAL pedal to select MANUAL. The green LED will light indicating MANUAL Mode.



6. Use the other pedals to turn all ME-80 effects off.

### ABOUT MANUAL MODE

Manual mode allows a multi-effect such as the ME-80 to operate much like simple stomp boxes. Rather than changing pre-programmed sounds, when you step on a pedal in manual mode you are tuning on or off a particular effect, just as if it were a single stomp box in a pedalboard. On the ME-80, there are eight pedal switchable effects: Comp, OD/DS, Mod, Delay, COSM Amp, EQ, Rev, and Expression Pedal FX. Any or all of these can be on at the same time just by pressing the corresponding pedal.

### ABOUT MEMORY MODE

In Memory Mode, pressing a number pedal selects an entire preset or user made patch.

## THE QUICK DEMO: USING THE ME-80 IN MANUAL MODE

This Quick Demo has five steps. You can do some or all of the steps.

### STEP ONE: Add Distortion

1. Make sure that all the effects are off; then play the guitar through the ME-80 to show the dry sound.
2. Select a DISTORTION or OVERDRIVE type by turning the OVERDRIVE/DISTORTION TYPE KNOB.



3. Set the OD/DS control knobs to an appropriate setting.



(Not suggested settings. For illustration only)

4. Press the OD/DS PEDAL to turn on the Overdrive. The red LED will light.



5. Play some chords or leads.

## STEP TWO: Add Modulation

1. Turn the MODULATION TYPE knob to select a Modulation effect. Do not use Harmonist or Octave.



2. Set the MODULATION Controls knobs to an appropriate setting.



(Not suggested settings. For illustration only)

3. Press the MOD PEDAL to turn on the Modulation effect. The red LED will light.



4. Play some chords or leads.

### STEP THREE: Add Delay

1. Turn the DELAY TYPE knob to select ANALOG.



2. Set the DELAY Control knobs to an appropriate setting.



(Not suggested settings. For illustration only)

3. Press the DELAY PEDAL. The red LED will light.



4. Play some chords or leads.
5. Hold the DELAY PEDAL down for two seconds.
6. Tap in a different delay time with the DELAY PEDAL.

**NOTE:** You can also change the rate of the Modulation effect by repeating this procedure with the MOD PEDAL.

### STEP FOUR: Add PEDAL FX

1. Turn the PEDAL FX knob to select WAH.



2. Press the toe end of the EXPRESSION PEDAL hard to turn on the WAH. The PEDAL FX LED will light.
3. Play some chords or leads using the WAH.

### STEP FIVE: Show the Phrase Looper

NOTE: When using the Phrase Looper, use the DELAY PEDAL to control all recording, playback, and overdub functions.

1. Set the DELAY TYPE knob to PHRASE LOOP. The red LED will flash at a steady rate.



2. Use the NUMBERED (FX) PEDALS to turn on/off effects needed for a clean sound.
3. When you are ready to record, press the DELAY PEDAL. Recording will start. The red LED will flash quickly.
4. When you're finished with the first loop recording, press the DELAY PEDAL. The Phrase will play back. The LED will light without flashing.  
**NOTE:** Make sure you do this on the beat.
5. Change the guitar's tone using the NUMBERED PEDALS.
6. Press the DELAY PEDAL again to overdub another track onto the existing loop.

7. If desired, repeat steps 4-6.
8. When you are finished, press the DELAY PEDAL twice quickly to stop the looper.

NOTES:

### 3. GOING DEEP

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#### About Memory Mode

The ME-80's Memory Mode has two sets of patch Banks: Preset (P) and User (U). Each has nine Banks: 1-9, with four patches in each. The display indicates whether you are in the Preset or User Bank set and which Bank is selected.



This indicates User bank 1

#### How to Switch to Memory Mode

1. From MANUAL Mode, press the MEMORY/MANUAL pedal to select MEMORY. The red MEMORY LED will light indicating MEMORY Mode.

#### How to Change Programs in Memory Mode

1. IN MEMORY Mode, press the BANK UP or DOWN pedal to change banks.
2. Press PEDAL ONE, TWO, THREE or FOUR to select a patch within the BANK.

#### How to Edit a Patch

1. Use the above procedures to select a patch in a USER BANK.
2. Press EDIT.
3. Adjust the settings of the knobs and pedals.  
**NOTE:** you may have to move the knobs past their current stored settings to enable the new settings.
4. Press WRITE.
5. If necessary, press the BANK UP/DOWN pedals and NUMBER pedals to select the patch number for the new patch.
6. Press WRITE again to save the sound in the selected patch location.

#### How to Use the Tuner

1. Hold down the MEMORY/MANUAL pedal for at least two seconds..
2. Tune up. The note played will show in the Display. The LED's in the display will indicate whether the note is sharp, flat, or in tune.
3. Press any NUMBER pedal or press EXIT to exit the tuner.

## **How to Use with a Computer via USB**

The ME-80 has an on-screen Editor (a free download from the BOSS or Roland website) for editing your ME-80 sounds on a computer. You can also download alternate patches and load them into the ME-80 via USB and use the ME-80 as a USB-audio interface for computer recording. It can even respond to MIDI program and control changes via USB.

1. Download and install the ME-80 software from the Roland website.
2. Select MANUAL Mode.
3. Press EDIT until you get to SYSTEM SETTINGS USB parameters.
4. Use the BANK UP/DOWN pedal to set the value of the parameters.
5. Press WRITE to save the settings.

## **How to Re-Initialize the ME-80**

1. Set the ME-80 to Manual Mode.
2. While holding down EDIT, press the MOD PEDAL. "FR" (factory reset) will appear in the display.
3. Press WRITE. The TUNING GUIDE LED will flash.
4. Press WRITE again. The display will flash and the ME-80 will be reset.

#### ***4. FIVE THINGS TO KNOW and SHOW***

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1. Easiest to use BOSS multi-effect. Just turn the knobs!
2. COSM modeled Amps, OD/DS, Modulations, and Delays
3. USB for computer recording, on-screen editing, patch downloading and backup
4. Tap tempo both Mod and Delay
5. New dual pedal OS allows more flexibility and ease of use.

#### ***5. ACCESSORIES***

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1. BOSS PSA-120 AC Adapter
2. BOSS Bag-S2 Carrying bag
3. Roland RH-5, RH-200 or other headphones
4. Instrument cables

## 6. ME-80 EFFECTS

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### PREAMP

- |           |   |
|-----------|---|
| 1. AC     | ORIGINAL  |
| 2. CLEAN  | Original amp good for acoustic guitars w/PUs    |
| 3. TWEED  | Original clean amp with uncolored tone response |
| 4. CRUNCH | Fender Bassman 4x10                             |
| 5. COMBO  | BOSS GT-100 Advanced crunch amp                 |
| 6. LEAD   | Vox AC-30TB                                     |
| 7. DRIVE  | Mesa Boogie Mk series lead channel              |
| 8. STACK  | GT-100 Advanced drive amp                       |
| 9. METAL  | Marshall Plexi channel 1                        |
|           | Bogner Uberschall                               |

### COMP/FX1

1. COMPRESSOR
2. T-WAH UP
3. T-WAH DOWN
4. OCTAVE
5. SLOW GEAR
6. DEFRETER
7. Single>Hum (Pickup Simulator)
8. Hum>Single (Pickup Simulator)
9. SOLO

### COSM OVERDRIVE/DISTORTION

- |               |                             |
|---------------|-----------------------------|
| 1. BOOST      | BOSS FB-2                   |
| 2. OVERDRIVE  | BOSS OD-1                   |
| 3. T-SCREAM   | Ibanez TS-808               |
| 4. BLUES      | BOSS BD-2                   |
| 5. TURBO OD   | BOSS OD-2 w/ TURBO on       |
| 6. DISTORTION | BOSS DS-1                   |
| 7. TURBO DS   | BOSS DS-2 w/ TURBO on       |
| 8. METAL DS   | BOSS MT-2                   |
| 9. CORE       | BOSS ML-2                   |
| 10. FUZZ      | Electro-Harmonix Big Muff   |
| 11. OCT FUZZ  | Vintage Roger Mayer Octavia |

### MODULATION

1. PHASER
2. FLANGER
3. TREMOLO
4. CHORUS
5. VIBRATO
6. PITCH SHIFT
7. HARMONIST
8. ROTARY

- |             |                |
|-------------|----------------|
| 9. UNI-V    | Univox Univibe |
| 10.DELAY    |                |
| 11.OVERTONE | BOSS MO-2      |

**DELAY**

1. 1-99ms
2. 100-600 ms
3. 500-6000ms
4. ANALOG
5. TAPE
6. MODULATE
7. REVERSE
8. CHO+DELAY
9. TEMPO
- 10.TERA ECHO
- 11.PHRASE LOOP

**EQ/ FX2**

1. PHASER
2. TREMOLO
3. BOOST
4. DELAY
5. CHORUS
6. EQ

**NS (NOISE SUPPRESSOR)**

**REVERB**

1. ROOM
2. HALL
3. SPRING

**PEDAL EFFECTS**

1. WAH
2. VOICE
3. +1 OCTAVE
4. +2 OCTAVE
5. -1 OCTAVE
6. FREEZE
7. OSC DELAY
8. OD/DS
9. MOD RATE
- 10.DELAY LEVEL