

# ensoniq EPS-16 PLUS

## Parameter Summary

### EDIT / System-MIDI /

- 0 FREE SYSTEM BLOCKS
- 1 MASTER TUNE
- 2 PEDAL (Volume/Mod)
- 3 AUTO-LOOP FINDING (On/Off)
- 4 FX SEND BUS2/3
- 5 MIDI BASE CHANNEL
- 6 TRANSMIT ON (Instrument Channel/Base Channel)
- 7 MIDI IN MODE
- 8 MIDI PROG CHANGE (On/Off)
- 9 MIDI XCTRL NUM
- ⇒ FREE DISK BLOCKS
- ⇒ GLOBAL BEND RANGE
- ⇒ TOUCH (Velocity and Pressure Response)
- ⇒ SUSTAIN FT SWITCH (Sustain/Patch Select)
- ⇒ AUX FT SWITCH (Start-Stop/Patch Select)
- ⇒ BASE CHANNEL PRESSURE
- ⇒ MIDI CONTROLLERS (On/Off)
- ⇒ MIDI SYS-EX (On/Off)
- ⇒ MIDI SONG SELECT (On/Off)
- ⇒ MULTI CONTROLLERS

### COMMAND / System-MIDI /

- 0 FORMAT FLOPPY DISK
- 1 COPY O.S. TO DISK
- 2 SAVE GLOBAL PARAMETERS
- 3 LOAD GLOBAL PARAMETERS
- 4 CREATE DIRECTORY
- 5 CHANGE STORAGE DEVICE
- 6 SAVE MACRO FILE
- 7 COPY FLOPPY DISK
- 8 FORMAT FLASHBANK
- 9 MIDI SYS-EX RECORDER
- ⇒ WRITE DISK LABEL
- ⇒ LOAD MIRAGE-DSK SOUND
- ⇒ FORMAT SCSI DRIVE
- ⇒ COPY SCSI DRIVE

### EDIT / Instrument /

- 0 PATCH (Layer Enable/Disable)
- 1 KEYDOWN LAYERS
- 2 KEYUP LAYERS
- 3 MIDI OUT CHANNEL
- 4 MIDI OUT PROGRAM
- 5 PRESSURE MODE
- 6 MIDI STATUS
- 7 SIZE (in blocks)
- 8 INST NAME
- 9 PATCH SELECT
- ⇒ INSTRUMENT KEY RANGE
- ⇒ TRANSPOSE

### COMMAND / Instrument /

- 0 CREATE NEW INSTRUMENT
- 1 COPY INSTRUMENT
- 2 DELETE INSTRUMENT
- 3 SAVE INSTRUMENT
- 4 SAVEBANK
- 5 CREATE PRESET
- 6 DELETE INST EFFECT

### COMMAND / Effects

- 0 SAVE BANK EFFECT
- 1 COPY CURRENT EFFECT

### EDIT / Wave

- 0 MODE (WS Playback Mode)
- 1 SAMPLE START
- 2 SAMPLE END
- 3 LOOP START
- 4 LOOP END
- 5 LOOP POSITION
- 6 WAVE MOD TYPE
- 7 WAVE MOD SOURCE
- 8 WAVE MOD AMOUNT
- 9 WAVE MOD RANGE

### COMMAND / Wave

- 0 CREATE NEW WAVESAMPLE
- 1 COPY WAVESAMPLE
- 2 DELETE WAVESAMPLE
- 3 WAVESAMPLE INFORMATION
- 4 TRUNCATE WAVESAMPLE
- 5 CROSS FADE LOOP
- 6 REVERSE CROSS FADE
- 7 ENSEMBLE CROSS FADE
- 8 BOWTIE CROSS FADE LOOP
- 9 BIDIRECTIONAL X-FADE
- ⇒ MAKE LOOP LONGER
- ⇒ CONVERT SAMPLE RATE
- ⇒ RESAMPLE WITH EFFECT
- ⇒ COPY WAVE PARAMETERS

### COMMAND / Pitch

- 0 EDIT PITCH TABLE
- 1 COPY PITCH TABLE
- 2 DELETE PITCH TABLE
- 3 EXTRAPOLATE PITCH TABLE

### COMMAND / LFO

- 0 CLEAR DATA
- 1 COPY DATA
- 2 REPLICATEDATA
- 3 REVERSEDATA
- 4 INVERT DATA
- 5 ADD DATA
- 6 SCALE DATA

### COMMAND / Amp

- 0 NORMALIZE GAIN
- 1 VOLUME SMOOTHING
- 2 MIX WAVESAMPLES
- 3 MERGE WAVESAMPLES
- 4 SPLICE WAVESAMPLES
- 5 FADE IN
- 6 FADE OUT

### EDIT / Pitch

- 1 ROOT KEY - FINE (Fine Tune)
- 2 LFO AMOUNT
- 3 ENV1 AMOUNT
- 5 RANDOM FREQ; RANDOM AMOUNT
- 6 PITCH BEND RANGE
- 7 PITCH MOD; PITCH MOD AMOUNT
- ⇒ WS RANGE LO; HI

### EDIT / Env1, Env2, Env3 /

- 0 ENVELOPE=
- 1 HARD VEL LEVELS
- 2 SOFT VEL LEVELS
- 3 TIMES
- 4 2ND RELEASE (Time); 2ND RELEASE (Level)
- 5 ATTACK TIME VELOCITY
- 6 KBD TIME SCALING
- 7 SOFT VEL CURVE
- 8 ENVELOPE MODE

### EDIT / LFO /

- 1 LFO WAVE
- 2 LFO SPEED
- 3 LFO DEPTH
- 4 LFO DELAY
- 5 LFO MODE
- 7 LFO MOD; MOD AMOUNT
- 8 RATE MOD; MOD AMOUNT

### EDIT / Filter /

- 0 MODE (Filter Mode)
- 1 F1 CUTOFF FREQ; F2 CUTOFF FREQ
- 2 F1 ENV2 AMOUNT; F2 ENV2 AMOUNT
- 3 F1 KBD AMOUNT; F2 KBD AMOUNT
- 7 F1 MOD; F1 MOD AMOUNT
- 8 F2 MOD; F2 MOD AMOUNT

### EDIT / Amp /

- 1 WS VOLUME
- 2 WS PAN
- 3 A - B FADE IN
- 4 C - D FADE OUT
- 5 FADECURVE
- 6 BOOST
- 7 VOLUME MOD; VOLUME MOD AMOUNT
- 8 PAN MOD; PAN MOD AMOUNT
- 9 OUT

### EDIT / Layer /

- 0 LAYER GLIDE MODE
- 1 LAYER GLIDE TIME
- 2 LEGATO LAYER
- 3 LAYER VEL LO; VEL HI
- 4 PITCH TABLE
- 5 LAYER NAME
- 6 DELAY
- 7 VELOCITY AMOUNT
- 8 LAYER RESTRIKE

### COMMAND / Layer /

- 0 CREATE NEW LAYER
- 1 COPY LAYER
- 2 DELETE LAYER

### EDIT / Seq-Song /

- 0 CURRENT SEQUENCE/SONG
- 1 GOTO FUNCTION
- 2 TEMPO
- 3 LOOP
- 4 CLOCK SOURCE
- 5 CLICK
- 6 CLICK VOLUME
- 7 CLICK PAN; CLICK OUTPUT
- 8 SEQ COUNT OFF
- 9 RECORD MODE
- ⇒ RECORD SOURCE

### COMMAND / Seq-Song /

- 0 CREATE NEW SEQUENCE
- 1 COPY SEQUENCE
- 2 DELETE SEQUENCE
- 3 SAVE CURRENT SEQUENCE
- 4 SAVE SONG + ALL SEQ
- 5 RENAME SONG/SEQUENCE
- 6 SEQUENCER INFORMATION
- 7 ERASE SONG + ALL SEQ
- 8 APPEND SEQUENCE
- 9 CHANGE SEQUENCE LENGTH
- ⇒ SELECT LOADABLE INST
- ⇒ EDIT SONG STEPS

### EDIT / Track /

- 0 TRACK STATUS (Mute/Play/Solo)
- 1 TRACK MIX
- 2 TRACK PAN
- 4 TRACK OUTPUT
- 5 EFFECT CONTROL
- 6 MULTI-IN MIDI CHANNEL

### COMMAND / Track /

- 0 QUANTIZE TRACK
- 1 COPY TRACK
- 2 ERASE/UNDEFINE TRACK
- 3 FILTER EVENT
- 4 MERGE TWO TRACKS
- 5 EVENT EDIT TRACKS
- 6 TRANSPOSE TRACK
- 7 SCALE EVENT
- 8 SHIFT TRACK BY CLOCKS