Index

Index

Control button, command and jack entries as well as abbreviations such as SMPTE, MIDI, FM, etc. are in UPPER CASE.

A

Amplitude, zero line, 2.7
Amplitude modulation, 6.13-15
Analog sound waves, 1.2-5
Analog-to-digital converter (ADC), 1.4-5
ARPEGGIATE
  ON/OFF, 6.11, 8.4-5
  RATE, 6.11, 8.5
Arpeggios, 6.11
Attack
  modes, 6.13, 6.15
  vibrato, 6.9
  volume envelope, 6.2-5
ATTACK , VE, 6.4
ATTACK/DECAY, 6.9
Automatic search (looping), 5.34-39

B

Backing up (*see* Copying)
Bank, timbre, 4.31
BANK, 4.31, 4.38-39, 8.12-13
BIAS, 6.10
Biasing vibrato, 6.10
BOUNCE, 5.8
BREATH CONTROLLER, 7.3, 7.19
Button states, timbre parameter, 7.5

C

CAPTION, 4.4-5
CENTER, 2.8
Chorus
  partial timbre, 6.18-19
  whole timbre, 8.6-7
CHORUS, 8.6-7
CHORUS, PARTIAL, 6.18-19
CLEAR, 7.8-9, 7.23
Clearing polyphonic sampling memory, 1.32
COLLECT, 1.30-31
COMBINE, 3.24-25
Combining partial timbres, 5.2
Commands, Sound File Editor, 1.10-11, 2.4-5, 2.14, 3.2-31, 4.6-11
COPY, 3.11
Copying
  partial timbres, 5.8
  sound files, 3.11
  timbre files, 4.37
CROSSFADE, 3.8-9
Crossfade looping, 3.16-17, 5.26
CTRL-C, 1.12, 4.10, 4.12
CUT, 3.10

D

DC TRIM, 3.22
Decay, volume envelope, 6.2-4
DECAY, VE, 6.4
Delay, volume envelope, 6.2-4
DELAY , VE, 6.4
DELETE, 3.15
Deleting (*see also* Erasing), sound file section,3.14-15
DEPTH
  STEREO, 6.25-26
  VIBRATO, 6.8
Digital sound waves, 1.2-5
Digital-to-analog converter (DAC), 1.4-5

Direct-to-Disk system
sampling, 1.26
Directory
Sound File, 1.12, 4.12-17, 4.24-25
Timbre, 4.28-29
Display
Keyboard, 5.24-25
Optical Disk, 4.18-23
Patch, 5.10-23, 5.26-27, 5.32-33
Sound File Editor, 1.8-13
Displaying individual sample points, 2.6
DOT MODE, 2.6
Dynamic envelope, 7.20-21
DYNAMIC ENVELOPE: LOW/HIGH, 7.20-21

E

Edit buffer, 3.7
Edit information, entering from Sound File Editor, 3.4-5
Edit times, 3.6
END, 1.21
ENTRY, 4.31, 4.38-39
Entry, timbre, 4.31
Erasing
partial timbres, 5.9
poly memory, 1.32-33
real-time effects patching, 7.8-9
sound files, 1.32, 3.15
EXCHANGE, 3.26
EXPRESSION INPUT, 7.3, 7.10-23
Expression inputs
adding, 7.2-7
controllers, 7.3, 7.10-23
inverted mode, 7.7
patching, 7.4-7
removing, 7.8-9
summary, 7.23
EXT MONO, 3.27
EXTRACT, 3.14

F

Files
.NEWDATA, 4.37, 8.11
NEWF, 1.21, 2.16, 4.2
sound, 1.2
timbre, 4.27, 4.37, 8.11
FILL, 3.13
Filters, ribbon controller, 7.17
Final decay, volume envelope, 6.2-4
FINAL DECAY, VE, 6.4
Flanging, 6.18, 8.6

G

H

HARMONIC CONTROL, 5.28-39

I

Independent modes
amplitude modulation, 6.13-15
stereo, 6.26-27

Initial decay, volume envelope, 6.2-4
INITIAL DECAY, VE, 6.4
Inserting sound files, 3.12
INVERT, 3.23, 6.6, 6.8, 6.10
Invert function, 6.6

J

K

Keyboard
  control voltage, 7.18
  Display, 5.24-25
  envelope, 6.20-22
  loop, 5.26-39
  patch, 5.10-25
  polyphony control, 8.2-3
  response or touch, 7.10-14
  velocity/pressure, 7.10-14
KEYBOARD
  C.V., 7.3, 7.18
  ENVELOPE: RIGHT/LEFT, 6.21-22

L

LABEL, 2.15
Labels, 2.15
Layering sounds, 5.2
LEFT, 2.8
Level check, 1.20
LIBRARY, TIMBRE, 4.31, 4.39, 8.13
Location memory buttons, 4.16-17
LOCK, 2.9
LOOP, 3.16-17
Looping
  automatic searches, 5.34-39
  crossfade, 3.16-17, 5.26
  keyboard, 5.26-39
  length, 5.28-32, 5.35-39
  local automatic search, 5.37
  overall automatic search, 5.35-36
  patch list sound files, 5.23
  reverse, 3.18-19
  setting parameters, 5.28-31
  sound files, 3.16-19, 5.23
  summary, 5.39
  window length for automatic search, 5.38

M

MARK, 1.22
  END, 2.16
  OFF, 2.17
  START, 2.16
Marking a sound file, 2.14-19
Master timbre/sequence storage disk, 4.37, 8.11
Memory buttons, 4.16-17
Memory management, 1.28-33
Menus, Sound File Editor, 1.10-11, 2.5, 3.3, 4.7, 4.11
Missing Sound File display, 4.33
Missing sound files, 4.32-33
MIX, 3.28
MOD DEPTH, 6.6, 6.9
MOD WHEEL, 7.3, 7.22

Mode
amplitude modulation, 6.13-15
portamento, 6.26
sampling, 1.18
stereo, 6.25-27
tremolo, 6.13-15
MODE
PORTAMENTO, 6.12
POLYPHONY, 8.3
Modifying
partial timbres, 6.6-27
sound files, 3.2-31
whole timbres, 8.2-9

N

Naming
sound files, 4.2-3
timbres, 4.34-35, 8.8-9
Newdata (.newdata) files, 4.37, 8.11
NEWF files, 1.21, 2.16, 4.2
NORMALIZE, 3.20

O

Optical Disk Display, 4.18-23
Optical Disk Storage, 4.18-23
ORIGIN, 1.21
Output, sound, 1.4

P

PARTIAL
CHORUS, 6.18
TIMBRE SELECT, 5.4-9, 5.32, 7.6
TUNING, 6.16
VOLUME, 6.17
Partial timbre
adding expression, 7.4-7
assigning sound files, 5.4
chorus, 6.18-19
copying, 5.8
description, 5.2-3
erasing, 5.9
keyboard envelope, 6.20-22
layering, 5.2-3
modifying, 6.6-27
phase shifts, 6.18
placing, 5.6-7
recalling, 5.6-7
selecting, 5.5
soloing, 5.5
stereo, 6.23-27
tuning, 6.16
volume, 6.17
volume envelope, 6.2-5
PASTE, 3.12
Patch (also keyboard patch)
creating, 5.10-25
display, 5.10-23, 5.26-27, 5.32-33
list, 5.12-25
Patching real-time effects, 7.4
PEAK , VE, 6.5
Peak volume level
partial timbre, 6.5
volume envelope, 6.2-5
PEDAL 1/2, 7.3, 7.15
Pedal inputs, 7.15

Phase control
partial timbres, 6.18
timbre, 8.6
Phase shift effects, 8.6
Pitch
quantizing, 6.11
randomness, 6.6
PITCH BEND WHEEL, 7.22
Play markers, 2.16
Playing sound files, 1.14
Poly bins, shuffling, 1.29
Polyphonic sampling
Direct-to-Disk system, 1.26
memory, 1.4, 1.28-33
voices, 1.4
POLYPHONIC SAMPLING OUT jacks, 1.4, 5.2
Polyphony control, 8.2-3
POLYPHONY MODE, 8.3
Portamento, 6.12
PORTAMENTO
MODE, 6.12
ON/OFF, 6.12
RATE, 6.12
Pressure, 7.3, 7.10, 7.14
PRESSURE, 7.14
Pressure response filter, 7.14
PRINT, 2.4
Printing
Sound File Directory, 4.24-25
Sound File Editor, 1.11

Q

QUANTIZE, 6.11
Quantizing vibrato, 6.11

R

RATE
PORTAMENTO, 6.12
REPEAT/ARPEGGIATE, 6.11, 8.5
STEREO, 6.14
VIBRATO, 6.8
Real-time effects
adding, 7.2-7
breath controller, 7.19
definition, 7.2
dynamic envelope, 7.20-21
expression input controllers, 7.3, 7.10-23
inverted mode, 7.7
keyboard control voltage, 7.18
MOD WHEEL, 7.22
parameters for patching, 7.4
patching, 7.4
pedal inputs, 7.15
PITCH WHEEL, 7.22
pressure, 7.10, 7.14
removing, 7.8-9
ribbon controller, 7.16
summary, 7.23
velocity, 7.10-13
RECALL, 1.12, 4.10-12
Recalling
partial timbres, 5.6-7
sound files, 1.12, 4.10-15, 4.20-21
timbres, 4.28-31
RECORD, 1.17-18, 1.22, 1.25, 1.27, 1.31
Recording
level check, 1.20
sound file, 1.16-25
time available, 1.29

Rename, sound file, 4.6
RENAME, 4.6
Repeat
  function, 8.4-5
  rate, 8.4
REPEAT ON/OFF, 6.11, 8.5
REPEAT/ARPEGGIATE RATE, 6.11, 8.5
REVERSE, 3.29
REVERSE LOOP, 3.18-19
Reversing a sound file, 3.29
RIBBON, 7.3, 7.16-17
Ribbon controller, 7.16-17

S

Sampling
  definition, 1.2-7
  Direct-to-Disk system, 1.26
  level check, 1.20
  process, 1.16-25
  rate, 1.4, 1.19
  summary, 1.27
  synchronized, 1.22-25
  track monitoring, 1.24-25
  trigger status, 1.19
SAVE, 4.8
Saving (*see also* Storing)
  sound files, 4.8
  timbres, 4.36-39, 8.10-13
SEARCH, 2.10
Search
  automatic (looping), 5.34-39
  sound files, 4.22-23
Select
  Keyboard Timbre (*see* SKT)
  Memory Timbre (*see* SMT)
  partial timbre, 5.5
  sound file for looping, 5.32-33
SHOW, 2.11
Shuffling
  poly bins, 1.29
  sound files, 1.29-30
Sixty-four voice poly system
  recording time available, 1.29
SKT, 5.7, 5.9
Soloing a partial timbre, 5.5
Sound file
  adding to patch list, 5.14-16
  amplitude, 2.2
  assigning to keyboard, 5.18-19
  assigning to partial timbre, 5.4
  caption, 2.2, 4.4-5
  combining, 3.24-25
  copying, 3.11
  crossfade, 2.2, 3.8-9
  cutting and pasting, 3.10-13
  definition, 1.2
  deleting from patch list, 5.17
  deleting part of, 3.15
  Directory, 1.12, 4.12-17, 4.24-25
  Editor, 1.8-23
  erasing, 1.32, 3.14-15
  exchanging, 3.26
  extracting a portion, 3.14
  in polyphonic sampling memory, 1.28-33
  information, 2.2-3
  inserting, 3.12-13, 5.16

Sound file *(con't)*
labels, 2.15
length, 2.2
looping, 3.16-19, 5.23
managing, 1.28-33, 4.2-6
marking, 2.14-19
missing, 4.32-33
modifying, 3.2-31, 5.2-3
mono, 1.6-7
mono and stereo modifications, 3.24-27
mono samples from stereo, 3.27
name, 2.2, 4.2-3
overlapping, 5.18
overwriting a portion, 3.13
patch list, 5.5, 5.10-17
placing, 5.2
playing, 1.14
printing, 1.11
recalling, 1.12, 4.10-15, 4.20-21
recording, 1.16-25
renaming, 4.6
reversing, 3.29
search, 4.22-23
selecting for looping, 5.32-33
sound modifications, 3.28-29
steps in making, 1.3
stereo, 1.6-7
storing, 4.8
technical adjustments, 3.20-23
timbres, 4.26, 5.2-3
transpose on patch list, 5.21
tuning on patch list, 5.22
viewing, 1.15, 2.2-13
volume scaling, 3.20-21, 5.20
Sound File Directory
location memory buttons, 4.16-17
printing, 4.24-25
Sound File Editor
amplitude zero line, 2.7
available recording time, 1.29
commands, 1.10-11, 2.4-5, 2.14, 3.2-31, 4.6-11
cursor movement, 1.13, 2.18
display, 1.8-9
display menu, 2.5
dot and line modes, 2.6
edit buffer (.editbuf), 3.7
entering edit information, 3.4-5
menus, 1.10-11, 2.5, 3.3, 4.7, 4.11
modify menu, 3.3
moving around a sound file, 1.15
playing a sound file, 1.14
recalling a sound file, 1.12
sample points, 2.6
sampling process, 1.16-25
Store/Recall menu, 1.11, 4.7
symbols, 2.18
zoom window, 1.15
START, 1.22
Stereo
adding, 6.23-27
automatic panning, 6.26
modes, 6.26-27
moving, 6.25
partial timbre, 6.23-27
static, 6.24
STEREO
DEPTH, 6.14, 6.25-26
PAN, 6.24-26
RATE, 6.14
WAVE, 6.14, 6.25-26

STOP, 1.22, 1.25, 1.31
Storage areas
  sound files, 4.8
  timbres, 4.37-39
Store/Recall menu, 1.11, 4.7
Storing (*see also* Saving)
  sound files, 4.8
  timbres, 4.36-39, 8.10-13
SUSTAIN, VE, 6.5
Sustain volume level,
    volume envelope, 6.2-5
Symbol, sound file, 2.18
SYMBOLS, 2.18
Synchronized sampling,
    1.22-23
Synchronous modes
  amplitude modulation,
    6.13, 6.15
  stereo, 6.26-27
System commands display,
    1.33

T

Timbre
  bank, 4.31
  design, 5.2-3
  Directory, 4.28-29
  entry, 4.31
  files, 4.27, 4.37
  layered, 5.2
  modification, 8.2-9
  name, 4.34-35, 8.8-9
  real-time effect parameters,
    7.4
  recalling, 4.28-31
  sound file, 4.26
  storing, 4.36-39, 8.10-13
TIMBRE
  BANK, 4.38-39
  ENTRY, 4.38-39
  LIBRARY, 4.39
  NAME, 4.34-35, 8.9
  PARAMETER buttons, 7.4-5
  SELECT, 5.4-9
TIMBRE/SEQUENCE
    STORAGE buttons,
    4.38-39, 5.6, 8.12-13
Track monitoring, selective,
    1.24-25
TRACK SELECT, 1.24, 5.7-9
Transpose, patch list sound file,
    5.21
Tremolo, 6.13-15
Trigger status, 1.19, 1.21
Tuning
  partial timbres, 6.16
  patch list sound file, 5.22
TUNING, PARTIAL, 6.16

U

UNLABEL, 2.19
UNLOCK, 2.9
Unmarking sound files, 2.19
UNSAVE, 4.9
Unsaving (*see* Erasing)

V

Velocity, 7.3, 7.10-13
VELOCITY
  EXPRESSION INPUT, 7.3
  RESPONSE, 7.11, 7.13
  SENSITIVITY, 7.11-12

Index (con't)

Vibrato
  adding to a partial timbre, 6.6-11
  biasing, 6.10
  description, 6.6
  programming, 6.6-11
  quantizing, 6.11
  wave shapes, 6.6-7
VIBRATO
  ATTACK/DECAY, 6.9
  BIAS, 6.10
  DEPTH, 6.8
  INVERT, 6.8, 6.10
  MOD DEPTH 6.9
  QUANTIZE, 6.11
  RATE, 6.8
  WAVE, 6.8
Voice
  polyphonic sampling, 1.4
  polyphony control, 8.2-3
Volume (*see also* Volume envelope)
  control, pedal, 7.15
  level check, 1.20
  partial timbre, 6.17
  programming, 6.2
  sound file, 3.20-21, 5.20
VOLUME, 3.21
VOLUME, PARTIAL, 6.17
Volume envelope
  description, 6.2-3
  time intervals, 6.2-3
  volume levels, 6.2-3, 6.5

W

WAVE
  STEREO, 6.14, 6.25-26
  VIBRATO, 6.8
Whole timbre modification, 8.2-9
Window length (loop search), 5.38-39
WRITE, 4.38-39

X

Y

Z

Zero line, 2.7
ZOOM, 1.15, 2.13
Zoom window, SA1.15