Index

.wav files, 91
1-AIF WAVE, 91
1-SEQUENCE, 89, 91
1-SOUND, 89, 91
1-WAV WAVE, 91
8-VoiceChorus. *See* User's Guide

A

AC power, 2
Access disks utils?, 98
Accessories
  in box, 1
  optional, 6
Add, 61
Adding memory, 104
AIF, 49, 89
AKAI S-1000 sounds
  loading, 91
  translation, 91
AKAISND, 91
All Notes Off button, 6
All Notes Off, enabling reception, 97
All Sounds Off, enabling reception, 97
ALL-BYPASS, 46
Allocating memory, 6
ALL-SEQS, 89, 91
ALL-SESSION, 89, 91
  automatic loading of, 89
ALL-SND, 8
ALL-SOUNDS, 89, 91
als, 89
Alt Bus, 34, 42
Alter system pitch?, 95
Amp Env Attack, 16
Amp Env Decay, 16
Amp Env Release, 16
Amp&Filt Env Vel, 17
Analog synth sounds. *See* Stomper
Append sequence?, 75
Architecture overview, 4–6
Arrow, downward-pointing, 87
ASR-10 and ASR-88 sounds
  loading, 91
  translation, 91
ASR-SND, 91
ASR-X Pro User's Guide, 1
Assignable controllers, setting up, 97
Attack Level (1), 31
Attack Time (1), 31
Audio Inputs
  using, 50
Audio Outputs, 1
Auto-locating, 58
Automatic loading of settings, 89
Auto-punching, 65
AutoSelect FXBus, 94
Auto-Step, 63
Auto-Zero Cross, 95
Aux Out jacks, 1
Auxiliary outs
  overview, 42
  routing sounds to
    from pads, 27
    from tracks, 13
AuxOut1-4, 13, 27, 42

B

Bank Select Recv, 18
Bank&ProgChgRecv, 97
Banks, defined, 8
Bypassing effects, 46
BYPD, 46

C

Categories. *See* SoundFinder
CD-ROM drive, using. *See* SCSI
Chaining sequences. *See* Pattern mode
Change sound type?, 102
Chatter Box. *See* User's Guide
Chorus→Rev. *See* User's Guide
Clearing RAM, 101
Click, 66
  adding an effect, 66
  and time signatures, 64
  choosing its sound, 66
  saving settings to FLASH, 102
  sending it to the Aux Outs, 66
  setting its beat, 66
  setting its loudness, 66
  setting its panning, 66
  turning on and off, 66
Click Timing, 66
ClockSource, 97
Comp→Dist→DDL. *See* User's Guide
Connecting SCSI cables, 85
Controllers list, 118
Controlling an external sequencer, 97
Copy [disk name] disk?. *See*
Copy sound?, 38
Copy this sequence?, 75
Copy track?, 72
Copying a SCSI disk. *See*
Copying tracks
  (Destination) Seq, 74
  Destination Track, 74
  DestTime, 74
  overview, 72
  Paste
    Append, 73
    Merge, 73
    Replace, 73
  Scope, 73
Countoff
  choosing its sound, 66
  setting its length, 67
  setting when it occurs, 66
Countoff, 66
Countoff Bars, 67
Countoff Sound, 66
Create a new song?, 77
Create new sequence?, 60
Creating a New Sequence, 60
CTRL1, CTRL2, CTRL3 and CTRL4, 97
CTRL3 and Patch Select buttons, 98
CUSTOM category
  quick selection, 9
Cut ModSrc, 33
Cutoff ModAmt, 33

D

Data Entry Recv, 18
DDL→Chorus. *See* User's Guide
DDL→EQ. *See* User's Guide
DDL→Flanger. *See* User's Guide
DDL→Phaser. *See* User's Guide
Decay Time (4), 31
Defragmenting. *See* Optimizing a SCSI disk
Delay Offset, 15
Delta quantizing, 69–70
Demo, playing, 4
DEMO-SND, 102
Destination Track, 74
DestTime, 74, 75
Device ID. *See* SCSI device IDs
Directories. *See* Folders
Directory Sorted, 101
Disk storage
  copying SCSI disks, 98
  de-fragmenting SCSI disks, 99
  erasing disk files, 100
  Floppy
    overview, 81
  formatting disks, 98
  free space on disk, 101
  loading files
    computer files with long names, 92
    procedure, 90
    selecting a file, 92
    selecting a memory location, 92
    types of files, 90
  overview of options, 81
  renaming disk files, 100
  resetting SCSI bus, 99
  saving files
    naming files, 90
    procedure, 88
    types of files, 89
  SCSI
    bus
      defined, 82
      resetting, 99
    connecting cables, 85
    device IDs
      explained, 83
      setting the ASR-X Pro's, 95
    folders
      creating new, 88
      default, 85
      explained, 85
      invisible, 85
      navigating, 87
    overview, 82–85
    powering up, 85
    preparing for, 85
    scanning SCSI bus, 87
    termination
      explained, 84
      setting the ASR-X Pro's, 95
    troubleshooting, 86
  selecting device, 86–87
  write-protecting SCSI disks, 100
Disk utilities
  checking free space, 101
  copying SCSI disks, 98
  de-fragmenting SCSI disks, 99
  erasing disk files, 100
  formatting disks, 98
  renaming disk files, 100
  resetting SCSI bus, 99
  write-protecting a SCSI disk, 100
Dist→Auto Wah. *See* User's Guide
Dist→Chorus. *See* User's Guide
Dist→DDL→Trem. *See* User's Guide
Dist→Flanger. *See* User's Guide
Dist→Phaser. *See* User's Guide
Dist→VCF→DDL. *See* User's Guide
Distortion curves in effects, 47
Down arrow symbol, 87
DpthModSrc, 34
Drum mapping, 23, 113
Dry, 13
Dry, defined, 41

E

Edit Click/Countoff?, 65
Edit global reverb?, 43
Edit insert effect?, 43
Edit MIDI settings?, 96
Editing
  any parameter, 3
  any value, 3
EDM sounds, loading, 91
efa, 91
efe, 91
Effect bus. *See* FX Bus
Effects
  adding to pad sounds
    changing busses, 27
  adding to track sounds
    changing busses
      from front panel, 13
      via MIDI, 13
  bypassing, 46
  distortion curves, 47
  editing, 43
  LFO waveshapes, 47
  overview, 41–42
    global reverb, defined, 42
    insert control track, 41
    insert effects

defined, 41
list, 41
real-time modulation, 44
modulators list, 44
selecting, 43
setting the insert control track, 46
Effects Edit button, 43, 46
Effects Select button, 43
Electro Static Discharge, 103
ENSONIQ Drum Map, 113
ENSONIQ Percussion Map, 113
ENSONIQDISK, 87
Enter button, 3
Enter MemoryManager?, 101
Enter pattern mode?, 76
Env1PitchModAmt, 31
Env2CutoffModAmt, 33
Envelope Mode, 31
EPS and EPS 16 PLUS sounds
loading, 91
translation, 91
EQ→Chorus→DDL. *See* User's Guide
EQ→Comp→Gate. *See* User's Guide
EQ→Reverb. *See* User's Guide
Erase all sequences?, 76
Erase disk files?, 100
Erase memory banks?, 101
Erase sound?, 101
Erase this sequence?, 76
Erase track?, 74
Erase trk to end?, 74
Erasing ASR-X Pro RAM, 101
Erasing tracks
a MIDI controller, 74
a note range, 74
all recorded data, 74
assorted data, 74
only within a region, 74
ESD, 103
ESP2, 41
ESSENTIALS, 89
Essentials buttons
assigning favorite sounds to, 9
default sound assignments, 9
in sound selection, 9
saving sound assignments
to disk, 89
to FLASH, 102
Exit button, 3
EXP Expansion Boards, 6
Exp Name, 102
Expansion options, 103
Expressn(11) Recv, 18
EXP-SND, 8

F

Fast-forwarding in a sequence, 58
fav, 89
FDX-100, 1
Filt Env Attack, 16
Filt Env Decay, 16
Filt Env Release, 17
Filter Cutoff, 16, 33
Filter Resonance, 16
Final Mix mode, 63
FinderPref, 35
Fine Tuning (global), 96
Fine Tuning (sound), 30
Fine Tuning (track), 14
Flanger→Rev. *See* User's Guide
FLASH
saving settings to, 102
FLASH, defined, 6
Floppy disk
selecting for use, 86
Floppy disks
advantages/disadvantages, 81
formatting, 98
inserting in drive, 82
removing from drive, 82
write-protection, 81
Folders
creating new
using ASR-X Pro, 88
using computer, 88
explained, 85
invisible folders, 85
navigation, 87
where disk files are saved, 89
Foot switch
assigning functions, 93
connecting, 2
FootPedal(4) Recv, 18
Formant Morph. *See* User's Guide
Format disk?. *See*
Free, 101
Free space
in RAM, 101
on disk, 101
From= parameter, 65
FtSw L and FtSw R, 93
FX Bus
defined, 42
pad parameter, 27
track parameter, 13
FX Bus (click), 66

G

Gate Percentage, 63
Gate Time, 62
Gated Reverb. *See* User's Guide
Glide Mode, 15, 30
changing via MIDI, 15
Glide Time, 15, 30
Global pitch bend, 95
Global pitch table, 96
Global reverb
defined, 42
editing, 43
Light, Medium, Wet, 42
list, 42
selecting, 43
Global Reverb=, 43
GM Kit Map, 114
Group solo, 19
Guitar Amp. *See* User's Guide

H

Hall Reverb. *See* User's Guide
Hard disk. *See* SCSI
Held pitch bend, 96
Hex wrench, 103

I

In Bus, 51
Index ModAmt, 29
IndxModSrc, 29
Input Level knob, 50
Insert, 13
Insert control track
defined, 41
setting, 46
Insert effect parameters. *See* User's Guide
Insert Effect=, 43
Insert effects
adding to pad sounds, 27
adding to track sounds, 13
defined, 41
editing, 43
in song mode, 77
list, 41
real-time modulation, 44
modulators list, 44
selecting, 43
Insert FX Bus
GlobalReverb Amt, 44
Input Mix, 44
Insert: Mod Dest, 45
Insert: Mod Dest Min and Max, 45
Insert: Mod Src, 45
Insert: Mod Src Min and Max, 45
Installing
additional sample memory, 104–6
an EXP wave expansion board, 106–8
Installing expansion options, 103
Invert sample data?, 37
Invisible folders. *See* Folders

K

Key Group Assign, 35
Key Range Hi, 17
Key Range Lo, 17
Keybd TimeScaling, 32
Keybd Track, 33
KeybdTrack, 30
Kit Mapper, 23
Knobs
Parameter and Value, 3
Sound Type and Sound Name, 3

L

Large Plate. *See* User's Guide
Large Room. *See* User's Guide
Layers, in sounds, 22
LEDs
flashing
Exit/No and Enter/Yes, 3
Mute/Solo, 19
Play and Record buttons, 59
Sampling Level, 50
LFO Delay Time, 16, 34
LFO Depth, 16, 34
LFO Key Restart, 35
LFO Pitch ModAmt, 30
LFO Rate, 34
LFO Rate ModAmt, 34
LFO Shape, 34
LFO Start Phase, 34
LFO Sync, 35
LFODepth ModAmt, 34
LFOs in effects, 47
LightReverb, 13
LightReverb FX Bus, 44
Lights. *See* LEDs
Link, 32
Load button, 90
Load from disk?, 90
Loading .wav files, 91
Local Off Channel, 96
Locating within a sequence, 58
Location in sequence, 59
Loop End, 29
Loop Playback, 64
Loop Start, 29
Looping waves, 29, 95
Low Key/High Key, 71

M

Main Out jacks, 1
Make a RAM kit from...?, 24
Making a new sequence, 60
Maximum number of notes, 6
MediumReverb, 13
MediumReverb FX Bus, 44
Memory. *See* Sample memory
Memory Manager, 101
Change sound type?, 102
Erase memory banks?, 101
Erase sound?, 101
EXP Name, 102
Show free memory?, 101
Method, 69
Metronome. *See* Click
mfb, 89
Mic/Line switch, 50
mid, 89
Middle C, 17
MIDI
All Notes Off, 97
All Sounds Off, 97
ASR-X Pro note range, 21
Bank Selects
numbers, 8, 10
changing FX bus, 13
changing Glide Mode, 15
channels, described, 116
controllers
list, 118
reception behavior, 120

editing track parameters, 12
enabling track reception
of Bank Selects, 18
of CTRL1-4 messages, 18
of Data Entry messages, 18
of Expression messages, 18
of Foot Pedal messages, 18
of Mod Wheel messages, 18
of Pan messages, 18
of Pitch Bend messages, 18
of Program Changes, 18
of Sustain/Sostenuto messages, 18
of Volume messages, 18
enabling transmission of data, 13
hardware, 116
implementation, 119
implementation chart, 119
jacks, 2
Local-off operation, 96
muting tracks, 19
note names/numbers, 21
playing sounds from, 10
Program Changes
numbers, 8, 10
recording to external sequencer, 96
Reset All Controllers, 97, 120
selecting sounds, 10
Song Position Pointer
receiving and transmitting, 97
synchronizing to external sequencer, 97
Tuning Standard
further info, 124
using, 124
using RPNs and NRPNs, 122
MIDI-OUT sounds
programming and using, 10
Mix (Expression), 12
Mixdown, 63
Mod Wheel(1) Recv, 18
Mode, 32
Modulators
sound modulators list, 27
Mono, using the ASR-X Pro in, 1
Move Note Offs, 72
Multiple ASR-X Pros, using, 97
Multi-Tap DDL. *See* User's Guide
Multi-timbral, defined, 116
mute, 19
Mute/Solo button, 19
Muting a track
using Mute/Solo button, 19
via MIDI, 19

N

No button, 3
Noise Sync, 35
NoiseSourceRate, 35
NonLinReverb1. *See* User's Guide
NonLinReverb2. *See* User's Guide
Non-Registered Parameters. *See* NRPNs
Normal LFO Rates, 15
Normalize gain?, 36
Normalizing, defined, 51
NRPNs
defined, 122
list, 123
using, 123

O

Octave Shift, 14
Octave Transpose buttons
using, 23
what they do, 23
when sending to pads, 54
Offset, defined, 11
On switch, 2
Opening the ASR-X Pro, 103
Operating system
defined, 108
upgrading, 108–9
What version am I using?, 108
What's the most recent version?, 108
Optimize [disk name] disk?, 99
Optimizing a SCSI disk, 99
OS. *See* Operating system
Outputs, 1
Override, defined, 11

P

Pad Edit button, 25
Pad Pan, 26
Pad Process button, 36
Pad Sound button, 25
Pad Volume, 26
Pad Xpose, 23
Pads
editing, 24
PAD parameters, 26
editing pad sounds, 27
AMP parameters, 33
ENV1 parameters, 31
ENV2 parameters, 33
ENV3 parameters, 34
FILT parameters, 32
FLT1 & FLT2 parameters, 33
MISC parameters, 35
MOD parameters, 34
modulators, 27
PTCH parameters, 30
WAVE parameters, 29
processing waves
copying waves, 38
inverting data, 37
normalizing, 36
overview, 36
reducing sample bits, 37
time-scaling waves, 38
truncating, 38
volume scaling, 36
selecting sounds, 25
what pads play, 21
a whole kit at once, 23
resetting, 23
Pads Play Local, 96
Pan (click), 66
Pan ModAmt, 33
Pan ModSrc, 33
Pan(10) Recv, 18
Parameter knob, 3
Parameter, defined, 3
Parameters
editing track parameters, 11
Parametric EQ. *See* User's Guide
Paste, 73
Patch Select buttons
and CTRL3, 98
and MIDI, 24
as modulation devices, 98
modes
Live or Held, 93
what they do, 23
Patch Selects, 93
Pattern mode. *See* Pattern mode
Patterns. *See* Pattern mode
Pedals. *See* Foot switch
Percussion mapping, 113
Phaser→Rev. *See* User's Guide
Phones jack, 1
Pitch Bend Down, 30
Pitch Bend Recv, 18
Pitch Bend Up, 30
Pitch Bend Up, Pitch Bend Down (global), 95
Pitch Bend Up, Pitch Bend Down (track), 14
Pitch bend wheel, described, 95
Pitch Detuner. *See* User's Guide
Pitch ModAmt, 30
Pitch ModRange, 30
Pitch tables
creating, 124
list, 124
PitchBendMode, 30, 96
PitchTbl (global), 96
PitchTbl (sound), 30
PitchTbl (track), 14
Play/Top button, 58
Playing a sequence, 58
Playing the ASR-X Pro Demo, 4
PlayMode, 29
Polyphony, 6
Powering up ASR-X Pro, 2
when using SCSI, 85
ppqn, 59
Pre-quantization, 65
PressureMode, 17
Pre-Trigger, 52
PROC, 36
Prog, 12, 13, 27, 42
ProgramChngeRecv, 18
Protecting a SCSI disk, 100
PtchModSrc, 30
Punching in
manually, 58
with a foot switch, 94

Q

Q, 32
Quantize To, 68
Quantize track?, 67
QuantizeNoteOffs, 72
Quantizing tracks
adding randomness, 71
adding swing, 70
as you record, 65
in a specific key range, 71
method
Normal or Delta, 69
moving the ends of notes, 72
overview, 67
setting the quantization value, 68
setting the strength, 70
setting which notes are quantized, 71
shifting the whole track, 71
templates
described, 68
list of templates, 115
saving your own, 72
to FLASH, 102
the lengths of notes, 72

R

RAM kit
defined, 24
how it's named, 25
where it goes, 24
RAM pitch table, 124
RAM, defined, 5
Ramp Level (2), 31
Ramp Level (3), 31
Ramp Time (2), 31
Ramp Time (3), 31
RAM-SND, 8
Random, 71
Rate ModSrc, 34
Real-time modulation, 44
Rec Mode (sampling/resampling), 51
Record Mode, 61
Record Time, 51
Record/Scoop button, 58
Recording. *See* Sequencing
RecordQuantize, 65
Reduce sample bits?, 37
Region FromPoint, 65
Region ToPoint, 65
Regions
defined, 64
end
To=, 65
ToPoint, 65
start
From=, 65
FromPoint, 65
Registered Parameters. *See* RPNs
Release Time (5), 32
Removable drive. *See* SCSI
Rename disk files?, 100
Rename sequence?, 75
Rename Sound?, 35, 101
Renaming a sound, 101
Replace, 61

Resampling. *See* Sampling/Resampling
Resampling Setup button, 50
Reset All Controllers
  enabling reception, 97
  reception behavior, 120
Reset SCSI bus?, 100
ResetControlRecv, 97
Resolution of sequencer, 59
Resonance (Q), 32
ResVCF→DDL. *See* User's Guide
Retro synth sounds. *See* Stomper
Rev→Chorus. *See* User's Guide
Rev→Flanger. *See* User's Guide
Rev→Phaser. *See* User's Guide
Reverb. *See* Global reverb
  adding to pad sound, 27
  adding to track sound, 13
Reverb Return Level, 44
Rewinding to the beginning of a sequence, 58
Roland S-770 sounds
  loading, 91
  translation, 91
Roll Breakpoint, 33
Roll Slope, 33
Rolloff Mode, 33
ROM Pitch Tables list, 124
ROM sounds list. *See* User's Guide
ROM waves list, 111
ROM, defined, 5
ROM-SND, 8
RotarySpeaker. *See* User's Guide
RPNs
  defined, 122
  using, 122

S

Sample memory
  as shipped from factory, 104
  expansion options for the ASR-X Pro, 104
Sample Start, 29
Sample, defined, 49
Samples. *See* Waves
Sampling In Progress, 53
Sampling Level LEDs, 50
Sampling/Resampling
  available sampling time, 104
  building your own kit, 54
  how sounds are named, 54
  making a sample, 53
  overview
    Audio Inputs, 50
    audio sources, 49
    resampling, defined, 49
    sampling, defined, 49
    Scratch Pad, 49
    wave, defined, 49
  sending to pads
    explained, 54–55
    process, 53–54
  setting up, 50–52
    automatic normalization, 51
    saving setup to FLASH, 102
    selecting a source, 50
    selecting an effect bus, 51
    setting sampling time, 51
    setting the pre-trigger time, 52
    setting the trigger level, 52
    setting the trigger mode, 52
    stereo or mono?, 51
  where sounds go, 54
Save button, 89
Save quantize as?, 72
Save these settings?, 102
Save to disk?, 89
Saving your own quantizing template, 72
sbx, 89
Scale loudness?, 36
Scale time?, 38
Scan SCSI devices?, 87
Scoop, 58
Scope, 73
Scratch Pad
  described, 49
  playing, 53
  saving contents to disk, 90
  when it's erased, 54
SCSI
  advantages/disadvantages, 81
  bus
    explained, 82
    not functioning, 99
    terminating correctly, 84, 95
    unscrambling, 99
    using proper device IDs, 83, 95
  cables
    connecting, 85
  device Ids
    explained, 83
    setting the ASR-X Pro's, 95
  disk
    selecting for use, 86
      scanning SCSI bus, 87
  disks
    formatting, 98
  folders
    creating new
      using ASR-X Pro, 88
      using computer, 88
    explained, 85
      default, 85
      invisible, 85
    navigating, 87
  powering up system, 85
  preparing for, 85
  termination
    explained. *See*
    setting the ASR-X Pro's. *See*
  troubleshooting, 86
  utilities
    disk copying, 98
    disk formatting, 98
    disk optimization, 99
    re-setting SCSI bus, 99
    write-Protection, 100
  What is SCSI?, 82
SCSI Device ID, 95
SCSI II. *See* SCSI
SCSI Termination, 95
Select Device?, 87
Select Track buttons, 7
Selecting Sequences, 60
Semitone Shift, 14
SemitoneTuning, 30
Send to Pads button, 54
Sending to pads, 53–55
Seq parameter, 74
Sequence banks, 89, 91
Sequence Edit button, 60
Sequence length, 64
Sequence names, 75
Sequence Process button, 67
Sequence Select button, 59
Sequencing
  chaining sequences, 76
  changing time signatures, 64
  creating a new sequence, 60
  creating songs, 77–78
  looping a sequence, 64
  metronome click and countoff, 65–67
  operating the transport controls, 58
  overview, 57–58
  playing part of a sequence, 65
  processing
    part of a track, 65
  processing sequences
    appending, 75
    copying, 75
    erasing all sequences, 76
    erasing current sequence, 76
    overview, 67
    renaming, 75
  processing tracks
    copying, 72–74
    erasing, 74
    overview, 67
    quantizing, 67–72
    undoing, 67
  quantizing as you record, 65
  recording fade-outs, etc., 63
  recording from MIDI, 79
    undoing tracks, 79
  recording modes, 61
  recording tempo changes, 63
  recording track parameter changes, 63
  resolution, 59
  selecting a sequence, 60
  setting tempo
    by tapping, 60
    with parameter, 60
  step recording, 61
  using regions, 64
Sequencing overview
  What's a sequence?, 58
  What's a sequencer?, 57
Set system prefs?, 93
Shift, 71
Show free memory?, 101
Shrinking samples. *See* Scale time?
SIMM chips
  installation procedure, 104–6
  overview, 105
  requirements, 105
Small Plate. *See* User's Guide
Small Room. *See* User's Guide
SMDI, 86
SMF, 89
SND, 91
solo, 19
Soloing a track
  using Mute/Solo button, 19
Song mode, 77
  creating a song, 77
  editing a song, 77–78
  exiting, 77
  playing a song, 77
Song Position Pointer
  transmission and reception, 97
sou, 89
Sound Name knob, 3
Sound Type knob, 3
SoundFinder, 8, 35
  changing a sound's type;sound is assigned. Press the Yes button is
  response to, 102
  list of sound types, 112
SoundFinder parameter, 102
Sounds
  changing SoundFinder type, 102
    USER-SND and DEMO-SND, 102
  erasing all sounds, 101
  erasing from a pad
    shortcut, 25
  erasing from a track
    shortcut, 11
    using the Memory Manager, 101
  listing of ROM sounds. *See* User's Guide
  renaming a sound, 101
  selecting
    for a pad, 25
    for a track
      via MIDI, 10
  selecting for a track
    from front panel, 8–9
  structures
    illustration, 22
    kit sounds, defined, 22
    standard sounds, defined, 22
  types, 8
    list, 112
Source, 50
spb, 89
Spinner→Rev. *See* User's Guide
ssx, 89
Standard MIDI File, 89
Standard sounds, 22
Start demo playback?, 4
Start/Loop, 29
Start/Stop button, 53

StartToEndIndex, 29
Static warning, 103
Step recording, 61
    chords, 63
    overview, 61
Step Size, 62
Stereo
    panning a pad sound, 26
    panning a track sound, 13
Stereo Chorus. *See* User's Guide
Stomp!, 39
Stomper, 39–40
Stop/Locate button, 58
Stopping a sequence, 58
Storage device selection, 86
Strength, 70
Stretching samples. *See* Scale time?
Sustain Level (4), 32
Sustain Pedal, 35
Sustain/SostRecv, 18
SW-10 foot switch, 6
SW-2 foot switch, 6
SW-6 foot switch, 6
Swing, 70
SyEx Device ID, 97
Synchronizing
    effects, 97
    LFOs and noise generators, 97
    to external sequencer, 97
SyncLFO&Noise, 15
Synthesize sound?, 39
Synthesize Stomper sound?, 39
SysCTRL1-4 Recv, 18
SysCtrls
    setup, 97
SysEx data on SMF tracks, 89
System pitch bend, 95
System pitch table, 96
System/MIDI button, 92
System/MIDI parameters
    overview, 92
SYSTEMSETUP, 89, 91
    automatic loading of, 89

T

Template, 68
Templates list, 115
Termination. *See* SCSI Termination
Threshold, defined, 52
Time, 62
Time compression/stretching. *See* Scale time?
Time Signature, 64
Timing correction. *See* Quantizing tracks
TK symbol, 7
To= parameter, 65
Touch Curve, 93
Track Edit/Mix/FX Bus button, 11
Track Mix mode, 63
Track Pan, 13
Track ParamReset, 95
Track ParamReset Behavior, 121
Track Sound button, 7
Track Undo, 67
Track Volume, 12
TrackBreakpoint, 33
TrackMIDIOut, 13
Tracks
    introduction, 7
    parameters
        editing, 11
        resetting, 8
    selecting, 7
Tracks
    and Track Param Reset, 121
    and Track ParamReset, 95
    parameters
        recording changes, 63
    resetting, 121
    selecting sounds, 8–11
Transfers via SMDI, 86
Transport buttons, 58
Trig Mode, 52
Trigger, 52
Truncate length?, 38
Tunable Spkr. *See* User's Guide
Tuning Shift, 27
Tuning Tables
    creating, 124
Turning click on or off, 66
Turning on ASR-X Pro, 2

U

Undo track ?, 67
USER TEMP, 72
USER-SND, 102
    quick selection, 9
Using RPNs, NRPNs to Edit Parameters, 122

V

Value knob, 3
Value, defined, 3
Vel Curve, 32
Vel Levels ModAmt, 32
VelAtckTimeModAmt, 32
Velocity Mode, 17
VelocityRange Hi, 17
VelocityRange Lo, 17
VelRelTimModAmt, 32
Voice Mode, 30
Vol ModSrc, 33
Vol/MixPolarity, 13
Volume, 2
    of a pad, 26
    of a track, 12
Volume (click), 66
Volume knob, 2
Volume ModAmt, 33
Volume(7) Recv, 18

W

Waiting For Trigger., 53
wav files, 91
Wave expansion board
    installation procedure, 106–8
    name, 102
Waves
    copying, 38
    defined, 49
    inverting, 37
    list of built-in, 111
    normalizing
        automatically, 51
        manually, 36
    playing a wave on all pads, 55
    processing, 36–39
    reducing sample bits, 37
    scaling loudness, 36
    time-scaling, 38
    truncating, 38
WetReverb, 13
WetReverb FX Bus, 44
What can be sampled?, 49
What Is MIDI?, 115
Where did my track settings go?, 8
Why do I only hear a few drum sounds?, 23
Why don't the pads do anything?, 96
Why is my edit doing nothing?, 12
Why won't my SCSI drive work?, 86
Window Minimum and Maximum, 71
World Wide Web, 1
Wrench, 103
Writable disks, explained, 82
Write-Protect, 100

X

X-8 output expander, 6
X-Audio audio CDs, 6
XMit MIDI Clocks, 97

Y

Yes button, 3