

YAMAHA

**DX7s Quick
Reference Guide**

DX7 III-FD/D
DIGITAL PROGRAMMABLE ALGORITHM SYNTHESIZER
SUPPLEMENTAL BOOKLET

Welcome

This quick reference guide provides an easy way to locate any (and all) parameters and jobs available in the DX7s.

It is comprised of two basic sections:

The **Edit Button Quick Reference Guide** provides a chart of all the parameters/jobs for each button.

The **Individual Button LCD Displays** show all of the possible LCD Displays that can be called up with each of the buttons. To the right of the displays, the range of the parameters or the available options are provided.

At the end of the booklet, a blank voice and performance data chart is provided. Please feel free to photocopy the data chart so that you can document any edits you make for your own custom voice library.

For continuing information concerning the DX7s, consult AfterTouch, the official publication of the Yamaha Users Group. Many advanced functions will be discussed in its pages in the coming months. There will also be information concerning the availability of other materials concerning more advanced applications. To receive a free copy of AfterTouch every month, send your request to AfterTouch, P.O. Box 7938, Northridge, CA 91327-7938. On your letter or postcard, be sure to indicate that you are the owner of a DX7s.

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Edit Button Quick Reference Guide

Voice parameters

ALGORITHM 7 39	OSCILLATOR 8 40	EG 9 41	OUTPUT LEVEL 10 42
Algorithm Feedback Level Oscillator Sync Transpose Voice name	Oscillator Mode Coarse Frequency Fine Frequency Oscillator Detune	Rate Scaling Rates 1~4 Levels 1~4	Scaling Mode <i>Normal Scaling</i> Output Level Break Point Left Scaling Curve Right Scaling Curve Left Scaling Depth Right Scaling Depth
SENSITIVITY 11 43	LFO 12 44	PITCH EG 13 45	<i>Fractional Scaling</i> Offset Scaling Level for Key Range

Utility parameters

TUNE 14 46	CARTRIDGE 15 47
Master Tuning Memory Protect Internal Cartridge Micro Tuning Coarse Frequency Fine Frequency	Recall Edit Voice Edit Performance Edit Micro Tuning Edit Initialize Voice Performance Load from Cartridge Save to Cartridge Fractional SC. Micro Tuning Voice and Performance Bank Set Format

Voice edit parameters

KEY MODE 23 55	PITCH BEND PORTAMENTO 24 56	BC MW AT 25 57	FC1 FC2 26 58
Key Mode Unison Detune	Pitch Bend Mode Range Step Range	Breath Control Pitch Mod Amplitude Mod EG Bias Pitch Bias	Foot Control 1 Control Slider 1 Pitch Mod Amplitude Mod EG Bias Volume

Portamento Mode Time Step Range	Aftershock Pitch Mod Amplitude Mod EG Bias Pitch Bias	Modulation Wheel Pitch Mod Amplitude Mod EG Bias	Foot Control 2 Pitch Mod Amplitude Mod EG Bias Volume
Random Pitch Depth			MIDI IN Control Pitch Mod Amplitude Mod EG Bias Volume

Performance parameters

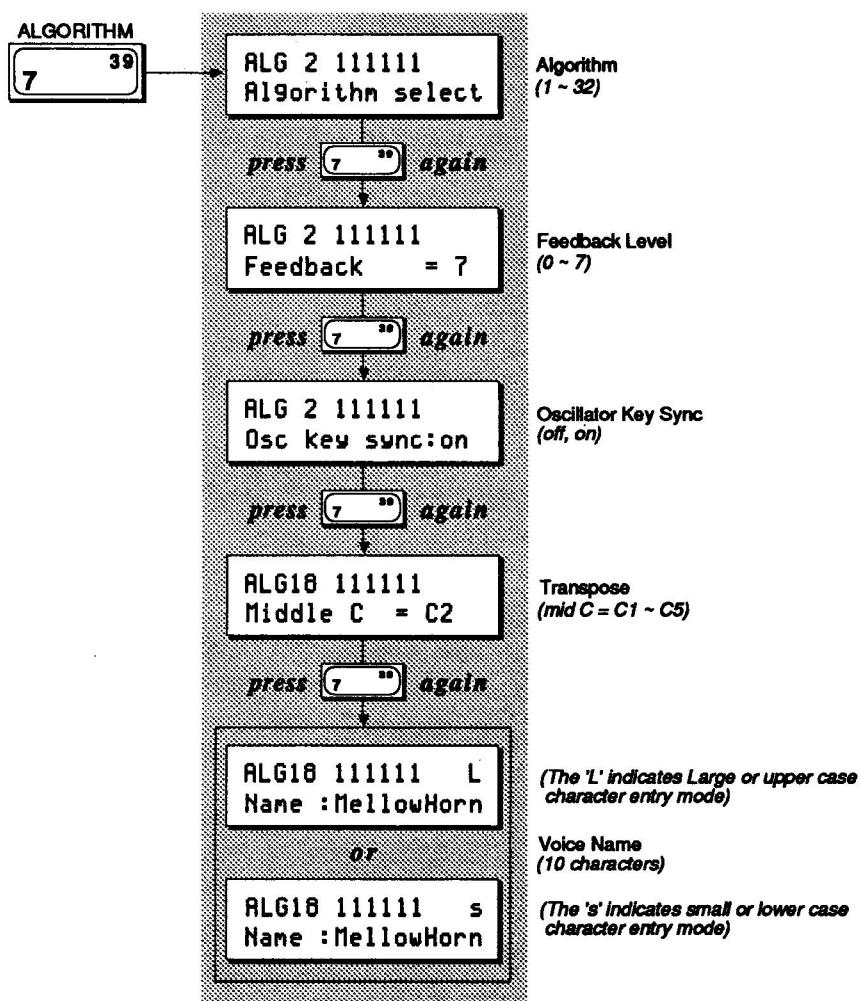
FS CS 27 59	VOLUME 28 60	MICRO TUNE 29 61
Foot Switch Select Soft Amount CS 1 Select CS 2 Select	Total Volume EG Forced Damping	Micro Tuning Select Key Shift Performance Name Voice Number

MIDI parameters

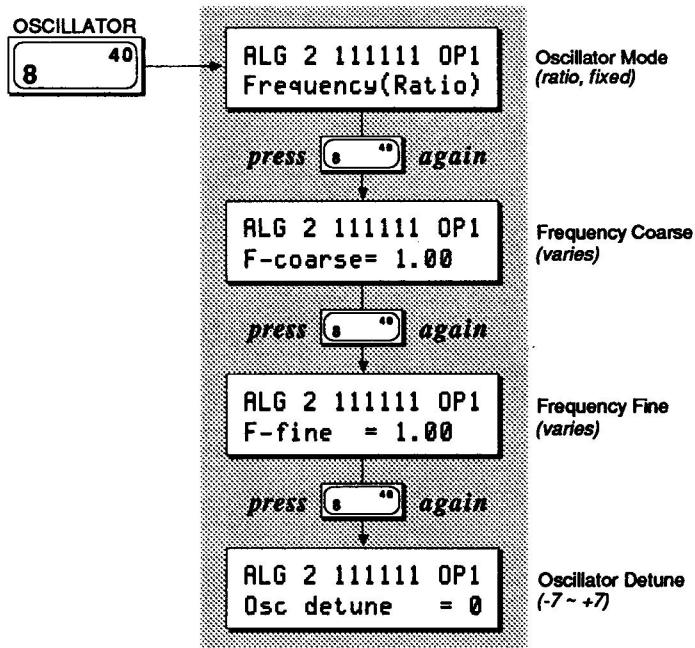
<p>MIDI</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">63</td> </tr> <tr> <td style="text-align: center;">31</td> <td></td> </tr> </table>	1	63	31		<p>Channel Messages</p> <ul style="list-style-type: none"> Transmit Channel Receive Channel Omni Mode Local Mode <p>MIDI</p> <ul style="list-style-type: none"> Note Selection Program Change Transmit Mode Aftertouch <p>Control Number</p> <ul style="list-style-type: none"> MIDI In Controller Continuous Slider 1 Continuous Slider 2 <p>Program Change</p> <ul style="list-style-type: none"> Program Number to Send 	<p>MIDI</p> <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td style="text-align: center;">2</td> <td style="text-align: center;">63</td> </tr> <tr> <td style="text-align: center;">32</td> <td></td> </tr> </table>	2	63	32		<p>System Exclusive</p> <ul style="list-style-type: none"> Device number Receive block Transmit block <p>MIDI OUT</p> <ul style="list-style-type: none"> System Performance (edit) 32 Performances Voice (edit) 32 Voices Micro Tuning (edit) Micro Tuning (user) Micro Tuning (cartridge)
1	63										
31											
2	63										
32											

Voice Buttons

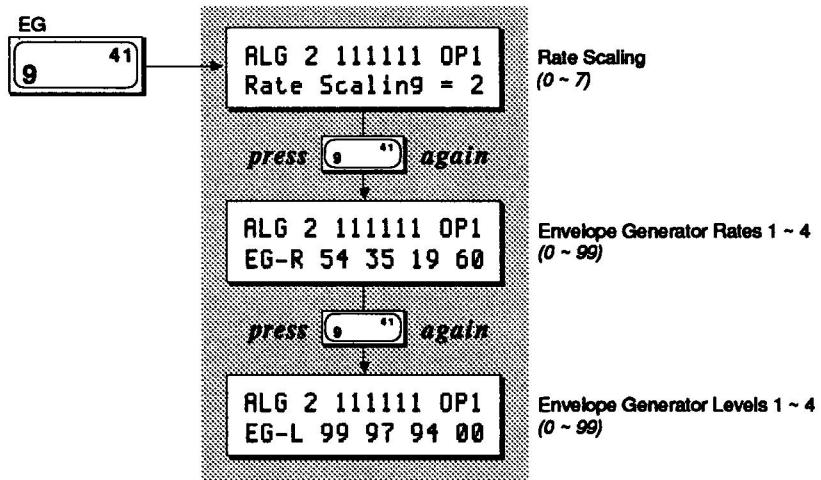
Button 7 LCD Displays



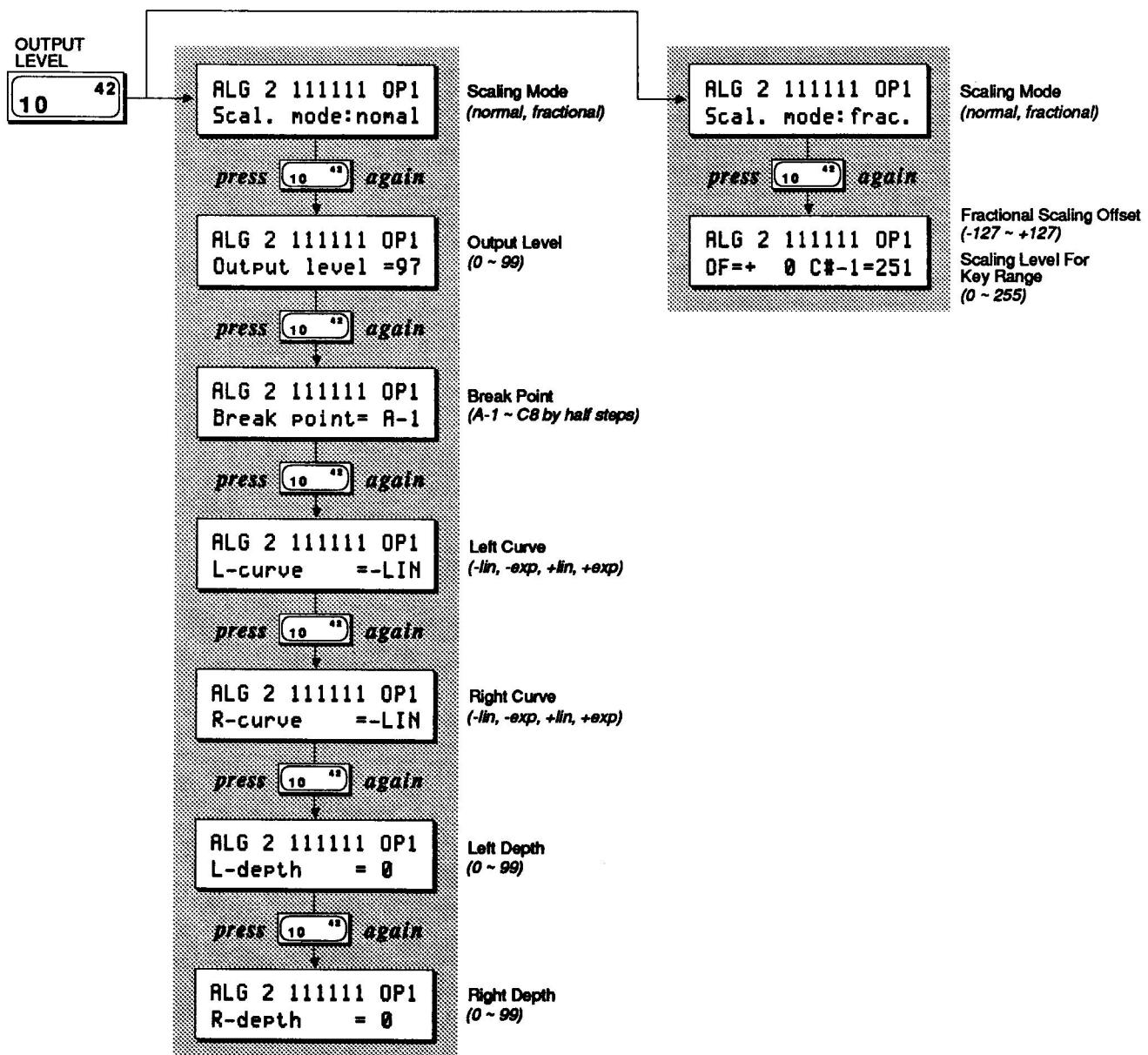
Button 8 LCD Displays



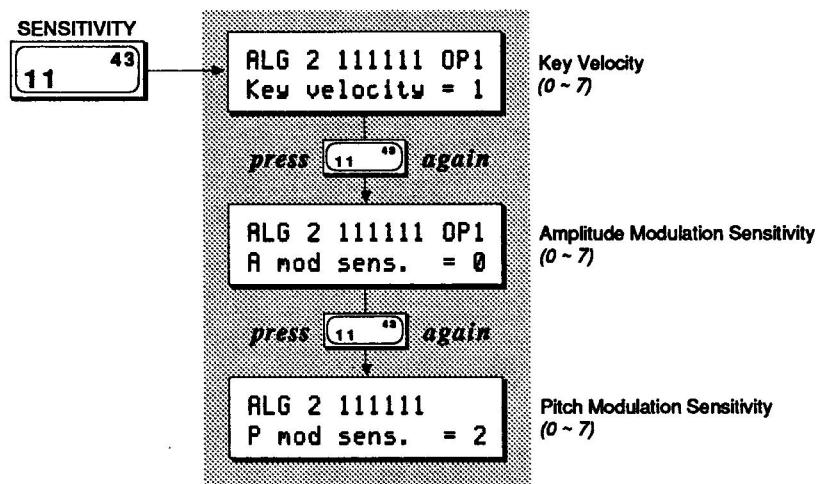
Button 9 LCD Displays



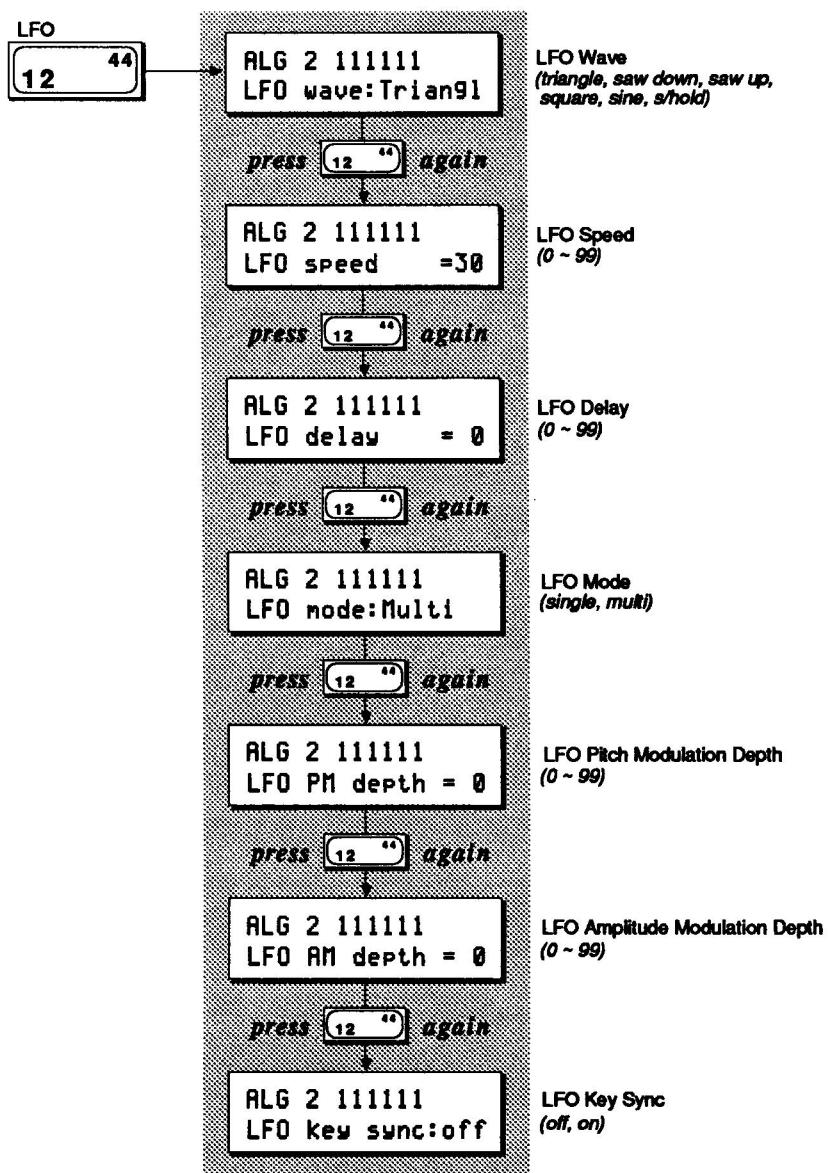
Button 10 LCD Displays



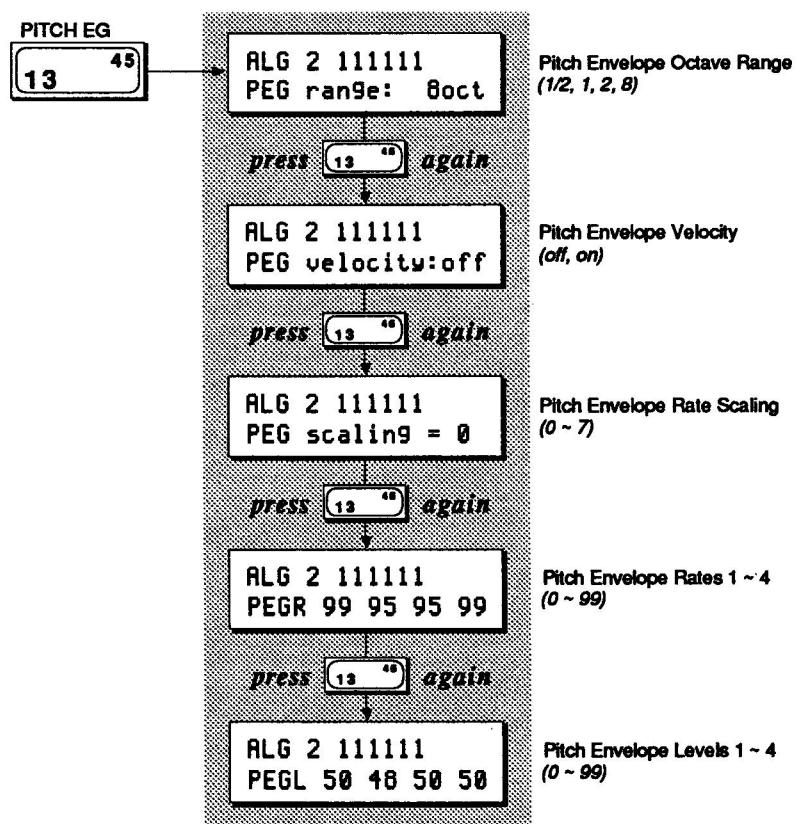
Button 11 LCD Displays



Button 12 LCD Displays

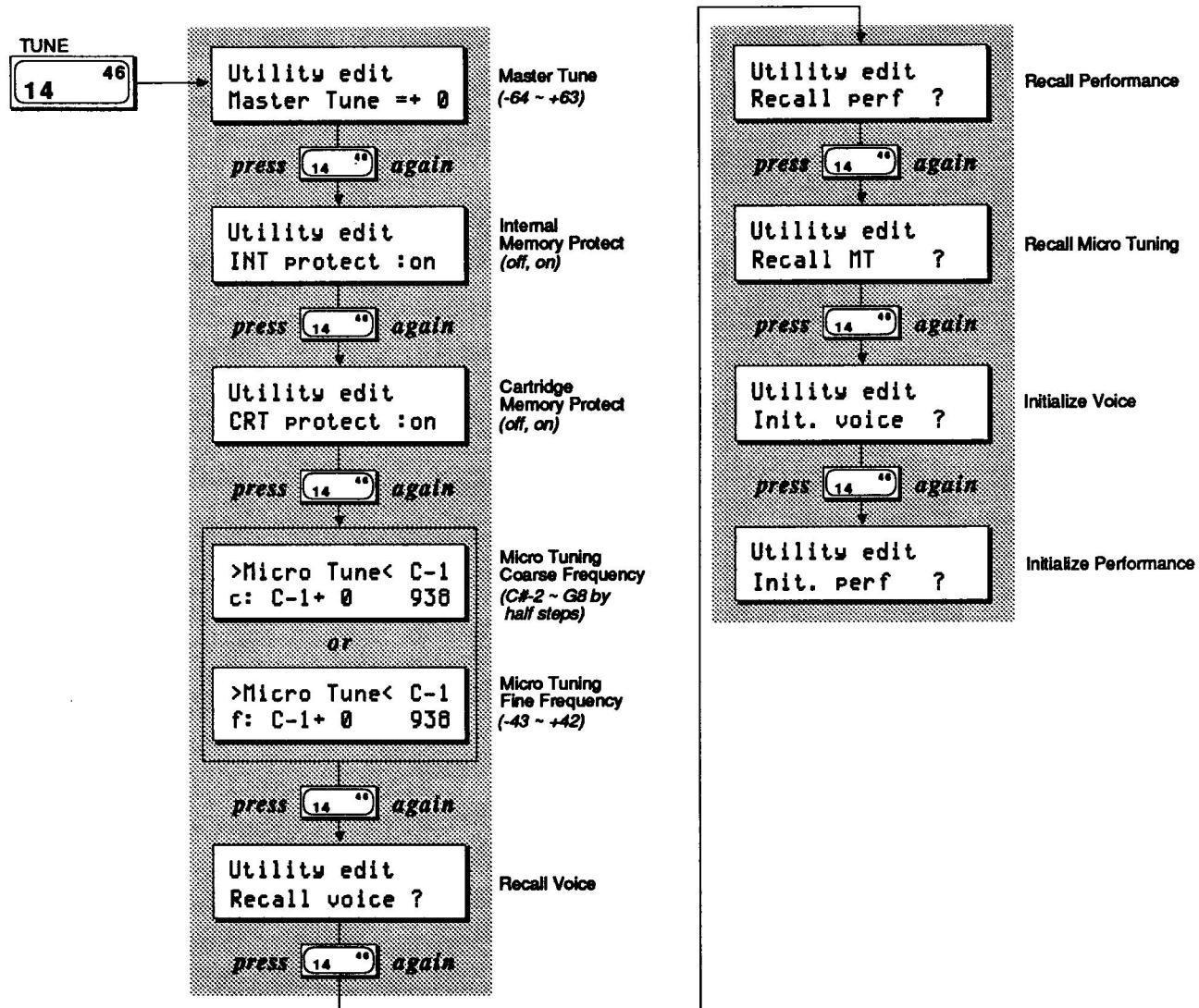


Button 13 LCD Displays

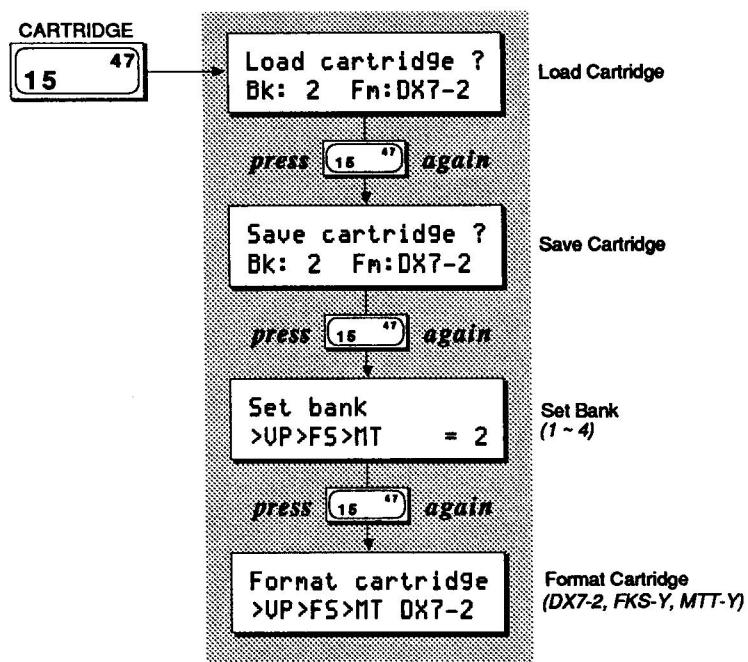


Utility Buttons

Button 14 LCD Displays

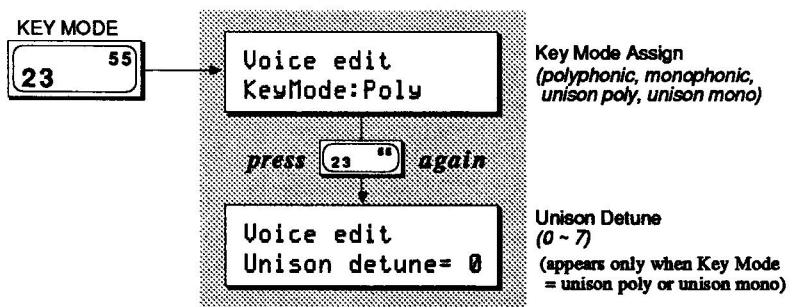


Button 15 LCD Displays

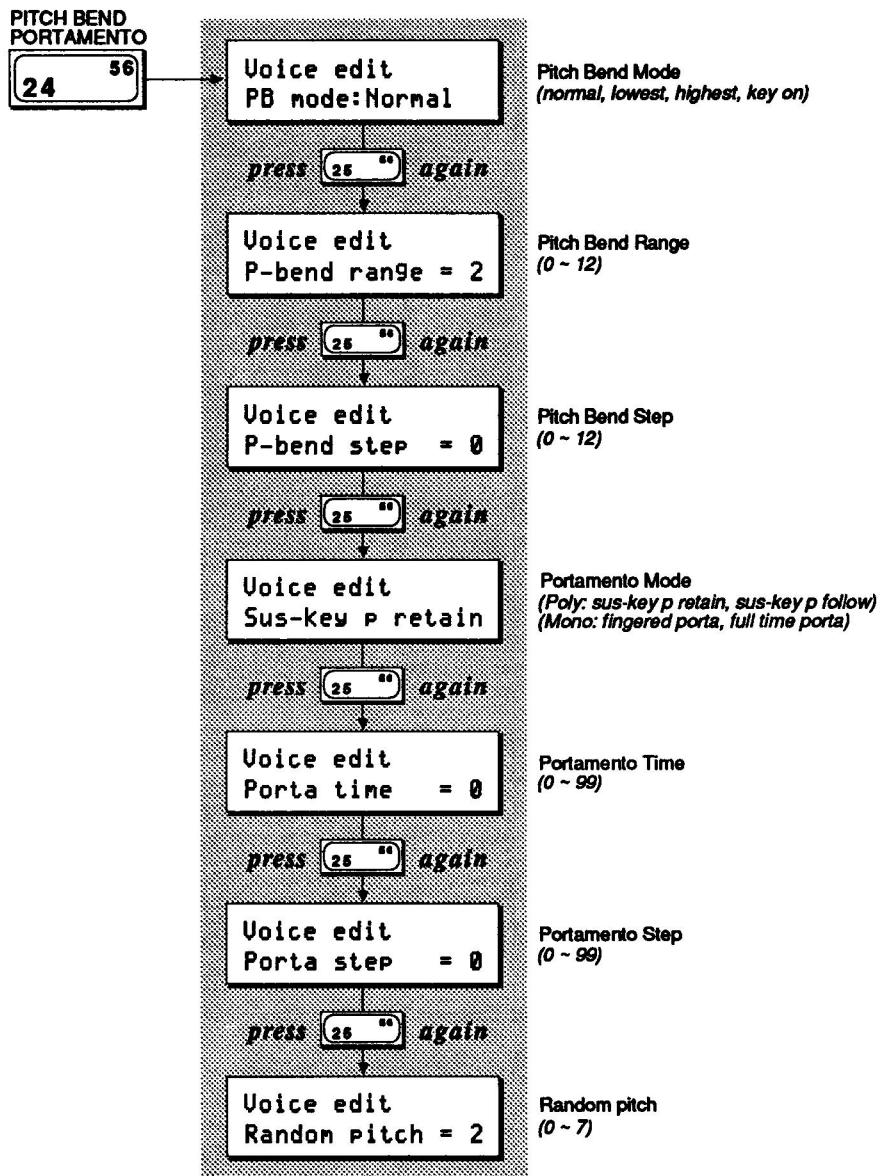


Voice Edit Buttons

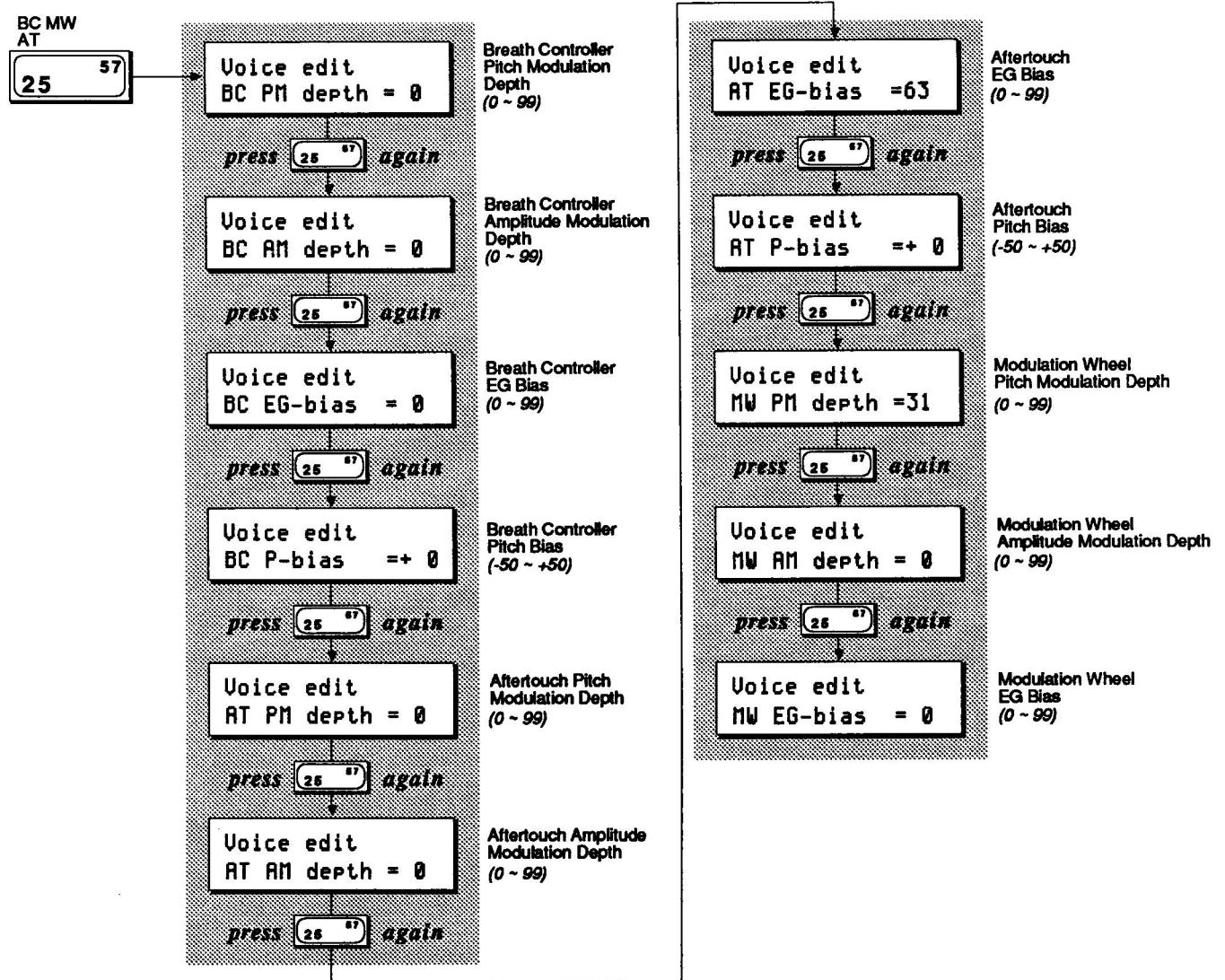
Button 23 LCD Displays



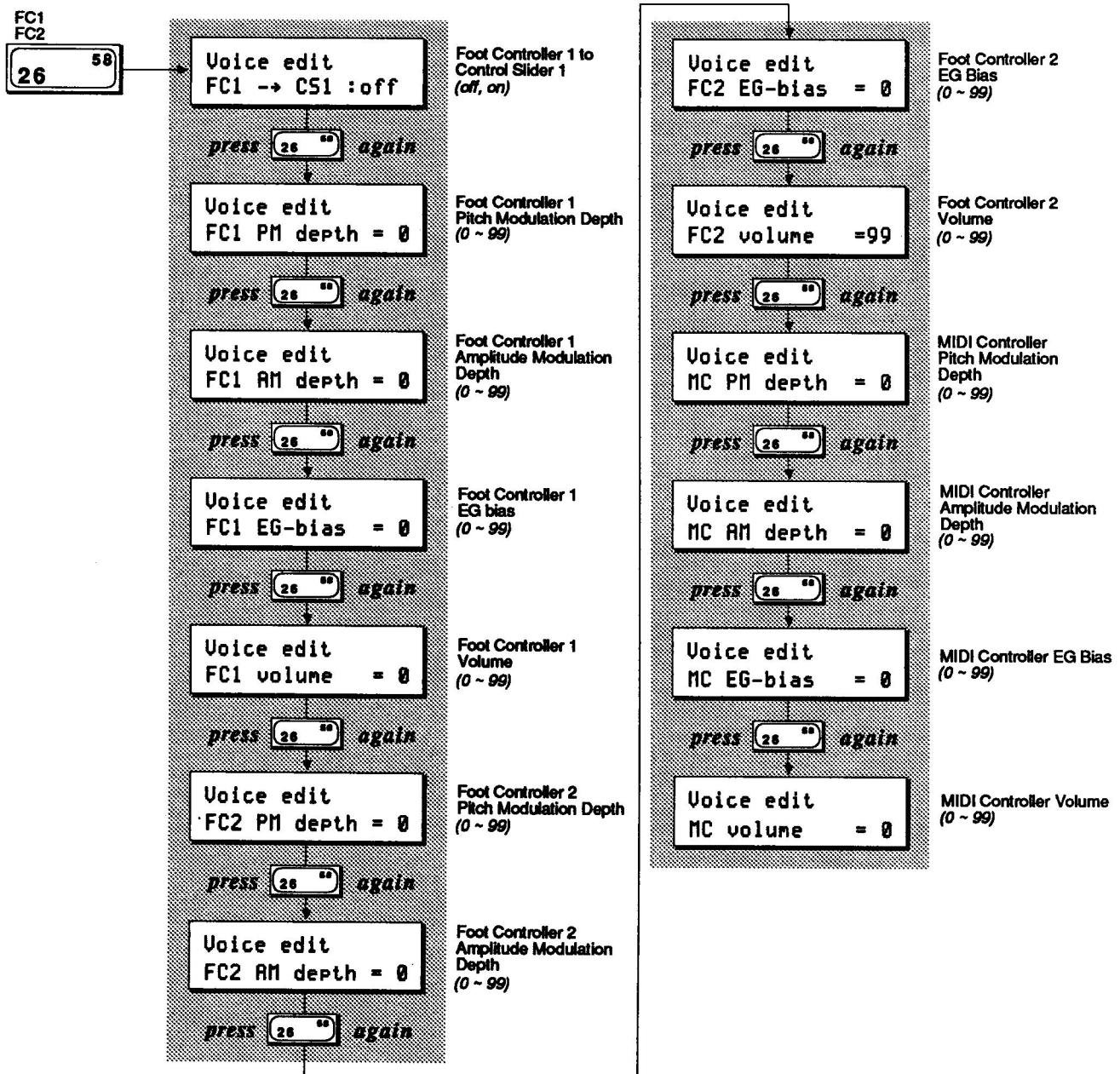
Button 24 LCD Displays



Button 25 LCD Displays

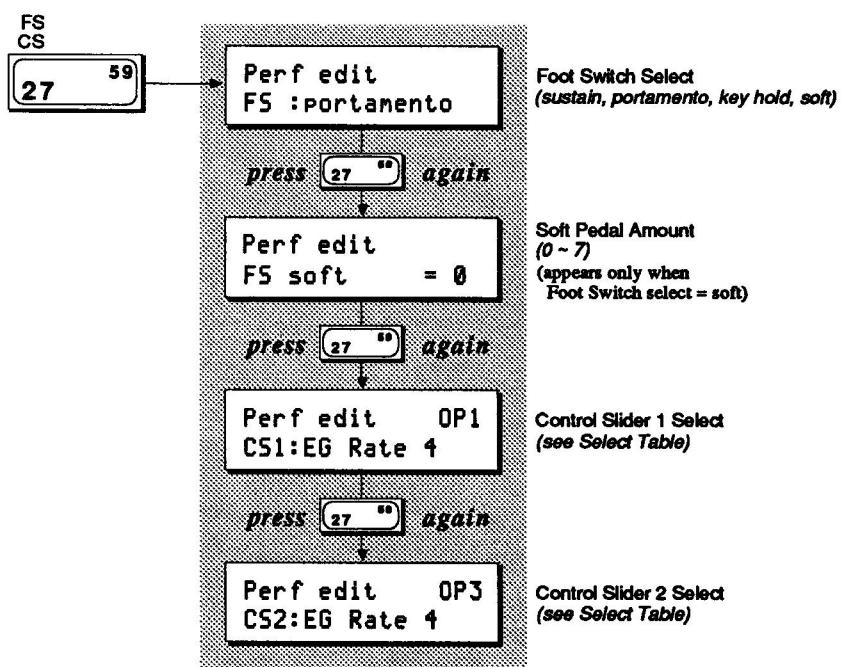


Button 26 LCD Displays

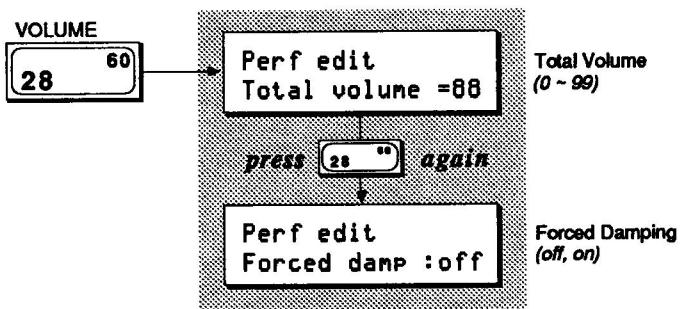


Performance Edit Buttons

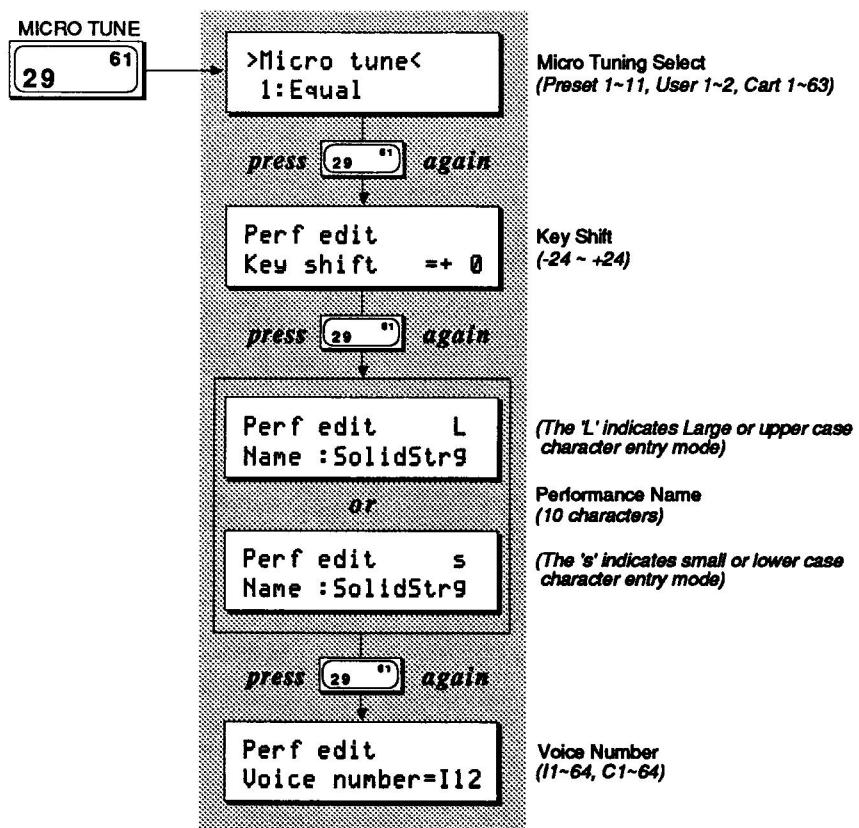
Button 27 LCD Displays



Button 28 LCD Displays

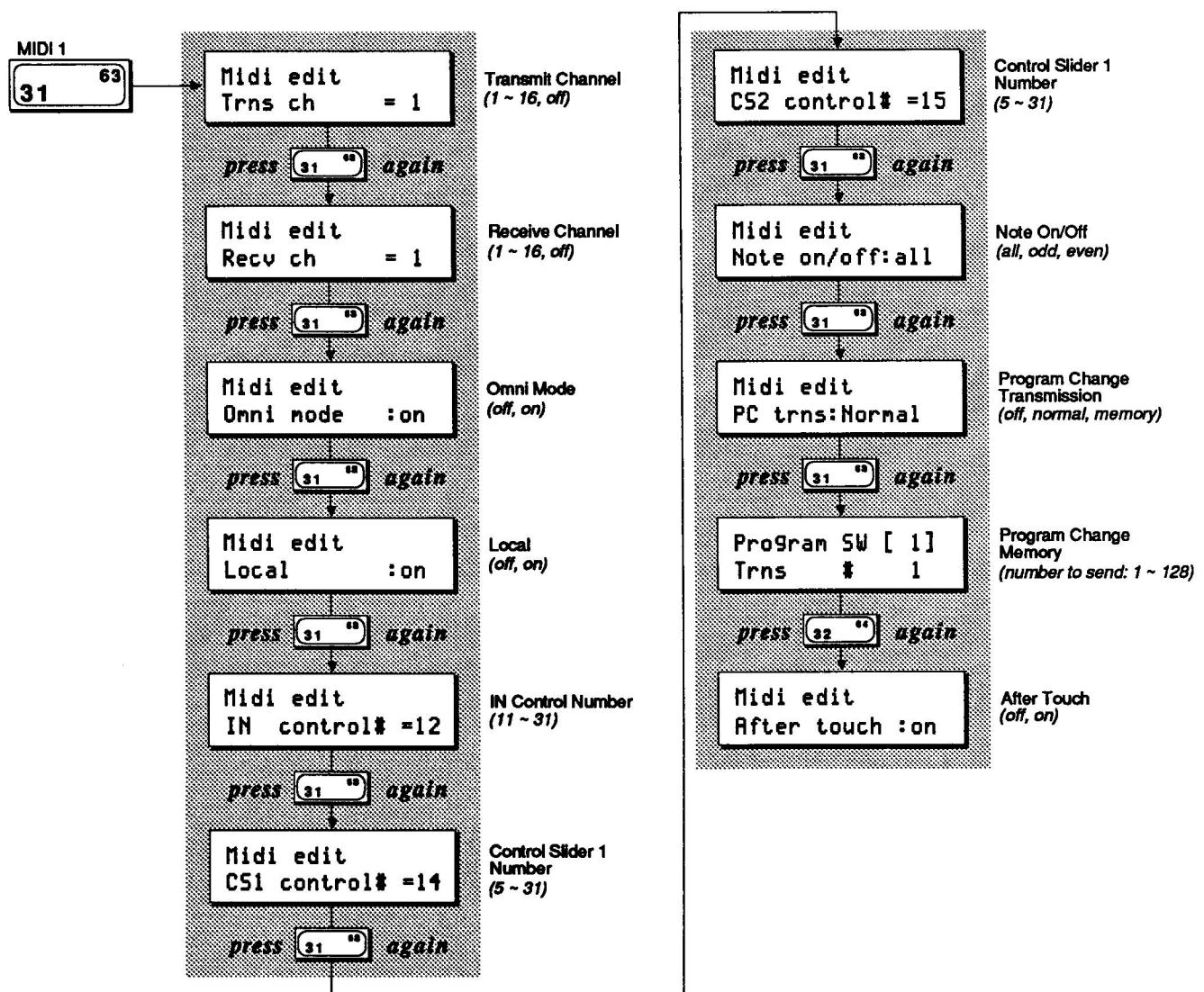


Button 29 LCD Displays

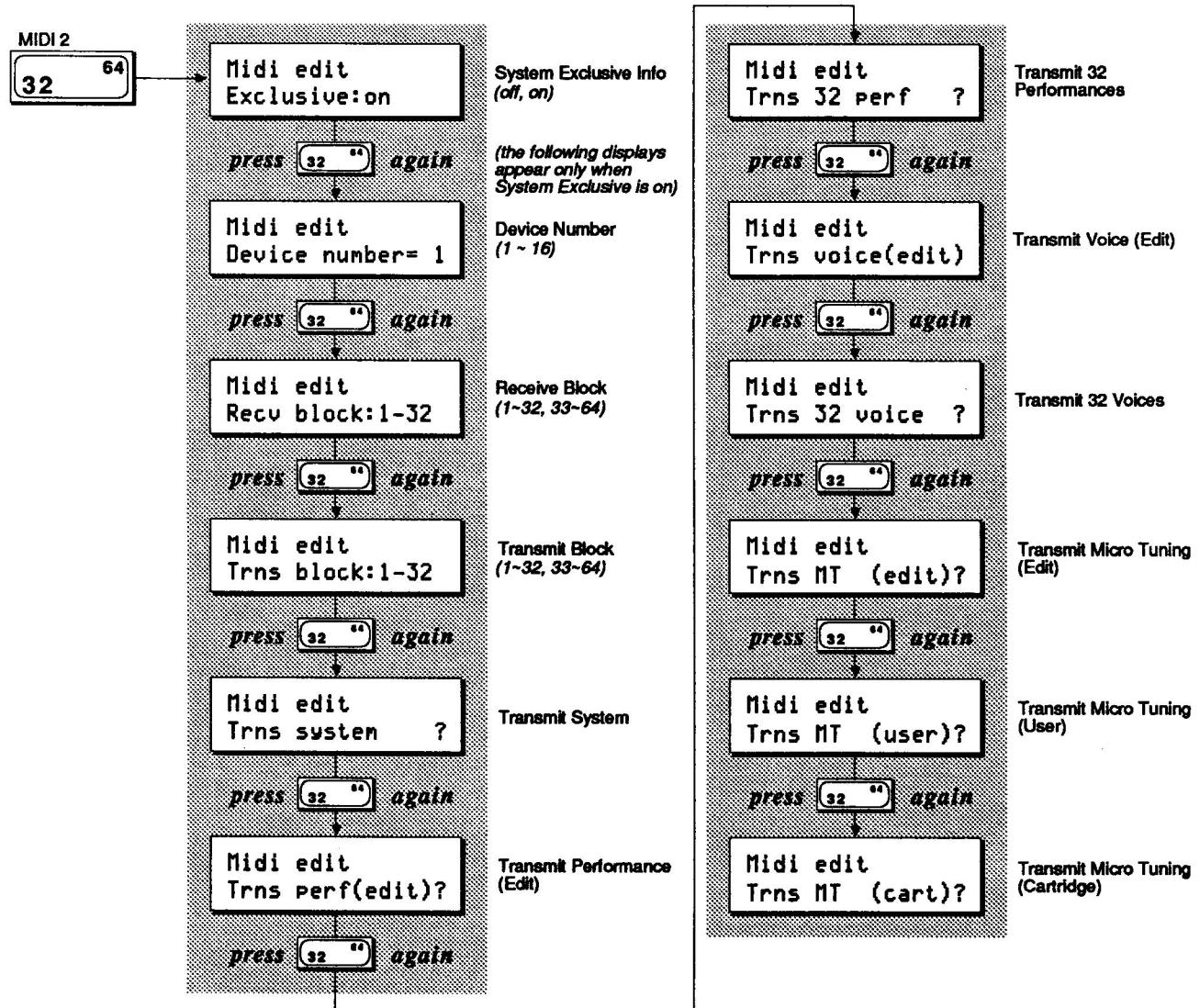


MIDI Buttons

Button 31 LCD Displays



Button 32 LCD Displays





Blank Data Chart

Voice name : Date :

1

1 ALGORITHM		OSCILLATOR	OP	1	2	3	4	5	6	Σ	Key mode	Σ	Foot control 1
Algorithm	Mode										Key mode		FCI→CSI
Feedback	Coarse+Fine										Unison detune		PM depth
Osc key sync	Detune										Pitch bend		AM depth
Transpose	<input checked="" type="checkbox"/> E G	OP	1	2	3	4	5	6			PBmode		EG-bias
<input checked="" type="checkbox"/> L F O	Rate Scaling										Range		Volume
Wave	R1										Step		<input checked="" type="checkbox"/> Foot control 2
Speed	R2										<input checked="" type="checkbox"/> Portamento		PM depth
Delay	R3										Mode		AM depth
Mode	R4										Time		EG bias
Pmed song	<input checked="" type="checkbox"/>	L1									Step		Volume
PM depth	L2										Random pitch		<input checked="" type="checkbox"/> MIDI IN control
AM depth	L3										<input checked="" type="checkbox"/> Modulation wheel		PM depth
Key sync	L4										PM depth		AM depth
<input checked="" type="checkbox"/> Pitch	E G	Output Level	OP	1	2	3	4	5	6		AM depth		EG-bias
Velocity	Range										EG-bias		Volume
Scaling	Scaling mode										<input checked="" type="checkbox"/> Breath control		
R1	Output level										PM depth		Performance name :
R2	Break point										AM depth		Voice No.
R3	L-curve										EG-bias		FS
R4	R-curve										P-bias		CSI
L1	L-depth										<input checked="" type="checkbox"/> After touch		CS2
L2	R-depth										PM depth		Total Volume
L3	<input checked="" type="checkbox"/> Sensitivity	OP	1	2	3	4	5	6			AM depth		EG Forced damp
L4	Key velocity										EG-bias		Micro tuning
	A mod sens										P-bias		Key shift

Notes

Notes

