

PANORAMIX

TECHNICAL SPECIFICATION

INPUT IMPEDANCE

20 kohms balanced, any input.

SIGNAL HANDLING

Maximum level to line input : +24 dBu.
Maximum output level : +24 dBu.

FREQUENCY RESPONSE

From line input to group output : 7Hz-120 kHz (-3dB)
From tape return to monitor output : 10 Hz-100kHz (-3dB)

TOTAL HARMONIC DISTORSION

From line input to group output :
At 0dBu, THD is below noise level.
At +12dBu, THD is better than 0.006%.

NOISE

22Hz-22kHz unweighted, one channel into one group : -90dB
64 channels into one group : -72dB

PHASE SHIFT

From line input to group output : 0.2 degree @ 1kHz.
Propagation time : 3 microseconds.

CROSSTALK

a) from line input to monitor output: @1kHz : -103 dB
@10kHz : -86 dB
b) signal routed to six groups (one bank),
next group output crosstalk : @ 1kHz : -112 dB
@ 10kHz : -100 dB

Notes:

- 0dBu = 775mV same voltage as 0dBm
- all measurements refer to PANORAMIX 64 channels
- measurements made using Audio Precision System One
- LAFONT Audio Labs reserve the right to modify specifications without prior notice.

PATCHBAY

1	LINE FEED ONE							32	
1	LINE INPUT ONE							32	
1	LINE FEED TWO							32	
1	LINE INPUT TWO							32	
1	MONITOR INPUT							32	
1	INSERT SEND							32	
1	INSERT RETURN							32	
1	GROUP OUTPUT							32	
1	TAPE INPUT							32	
1	AUXILIARY SENDS	8	AMP FEED X8	4 F/B FEED	OSC.	ØM	2T IN	ENCODER I/P	
1	DEVICE INPUTS	8	AMP INPUT X8	4 F/B AMP	Ø REV		2T OUT	ENCODER O/P	
1	DEVICE OUTPUTS	8	MULTI 1	MULTI 2	MULTI 3	MULTI 4	LT RT	DECODER I/P	
	STEREO INPUTS	1	TIE LINES				16	DIR.AC	DECODER O/P
33	LINE FEED ONE							64	
33	LINE INPUT ONE							64	
33	LINE FEED TWO							64	
33	LINE INPUT TWO							64	
33	MONITOR INPUT							64	
33	INSERT SEND							64	
33	INSERT RETURN							64	
17	TIE LINES (or DIRECT OUTPUT)							48	
49	TIE LINES							80	
81	TIE LINES							112	
113	TIE LINES							144	

64 CH STANDARD PATCHBAY

65	LINE FEED ONE							96
65	LINE INPUT ONE							96
65	LINE FEED TWO							96
65	LINE INPUT TWO							96
65	MONITOR INPUT							96
65	INSERT SEND							96
65	INSERT RETURN							96
145	TIE LINES (or DIRECT OUTPUT)							176
177	TIE LINES							208
209	TIE LINES							240

96 CH PATCH EXTENSION