

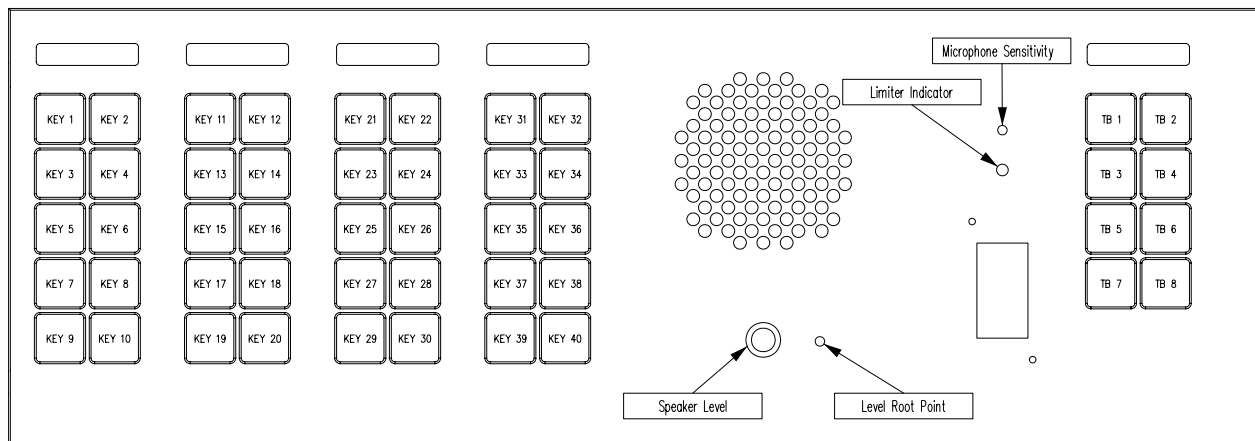
Data Sheet
Rev. 2006-01-09
Userpanel 4

Userpanel 40 Key/Talkback

960/18

- Note**

This datasheet contains particulars about indicators, power consumption, dimensions and weight.

Panel Front View

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Related Products

Product	Description	Name
Control System	Controls Consol Surface	960/01
PSU	Power Supply for Consol Surface	960/04

General

Parameter	Conditions	Min.	Typ.	Max.	Unit
Cooling requirement					
Power dissipation	12V		13.2		W
Mechanical data					
Height			120		mm
Width			342		mm
Depth	incl. knobs		70		mm
Weight			1290		g

Power Supply

Parameter	Conditions	Min.	Typ.	Max.	Unit
Operating supply voltage	DC	10.8	12	13.2	V
Nominal supply current	12V		1100		mA
Nominal power consumption	12V		13.2		W

Indicators

Indicator	Function	Status	Condition
Left Side			
H1	LCA	static red / Off	LCA not booted / normal operation
H2	LCA	green	not used
H3	LCA	yellow	not used
H4	USB Controller	red	not used
H5	USB Controller	yellow blinking	Data transmission USB
H6	USB Controller	green blinking	normal operation
H7	USB HUB	yellow	intern port not used
H8	USB HUB	static green	intern port Connection established, normal operation
H9	USB HUB	yellow	extern port not used
H10	USB HUB	static green	extern port Connection established, normal operation
H11	USB HUB	yellow	extern port not used
H12	USB HUB	static green	extern port Connection established, normal operation

Further particulars/explanatory notes

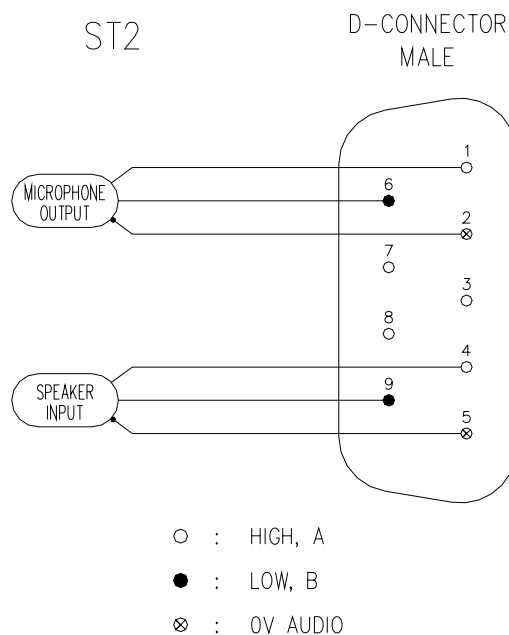
- Power Consumption**

All particulars are typical and can increase in worst case.

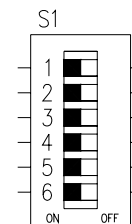
Talkback

Parameter	Condition		MIN	TYP	MAX	UNIT
Speaker						
Output Power nominal	Inputlevel +12dBu, Load 4Ω			5.3		W
Inputlevel				12	24	dBu
Load Impedance					4	Ω
Frequency Response	Load 4 Ω	80Hz..11kHz		-3		dB
THD&N		20Hz..5kHz	-56	-60		dB
Noise	Q-Peak, unweighted			-70		dBu
Inputs			balanced, floating, suitable for unbalanced use			
Input Impedance				9.5		kΩ
CMR				70		dB
Microphon						
Output Leval	1kHz, Load 10kΩ, DIP-Switch 0,4,6,8,12,15 dBu		0	6	15	dBu
Input Sensitivity			-14		-44	dBu
Frequency Response	Load 600Ω	150Hz..10kHz		-3		dB
Load Impedance					600	Ω
Noise	Q-Peak, unweighted			-40		dBu

Audio Connector



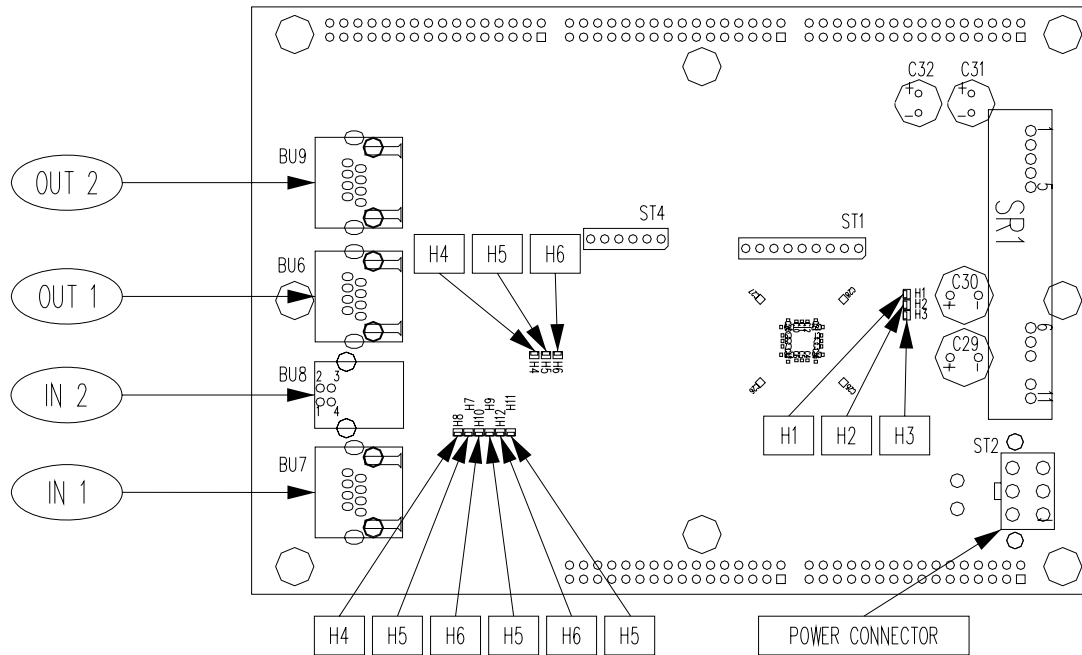
Switch Output Level



S1	OUTPUT LEVEL
1	0 dB
2	4 dB
3	6 dB
4	8 dB
5	12 dB
6	15 dB

Panel Back View

- Left Side



- Right Side

