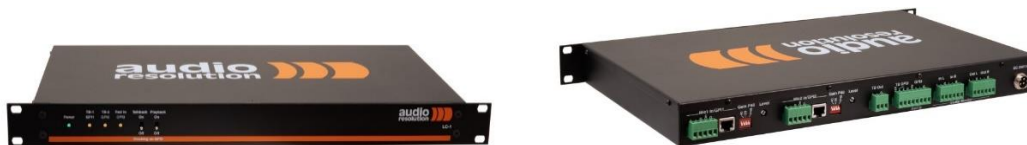# LC-1

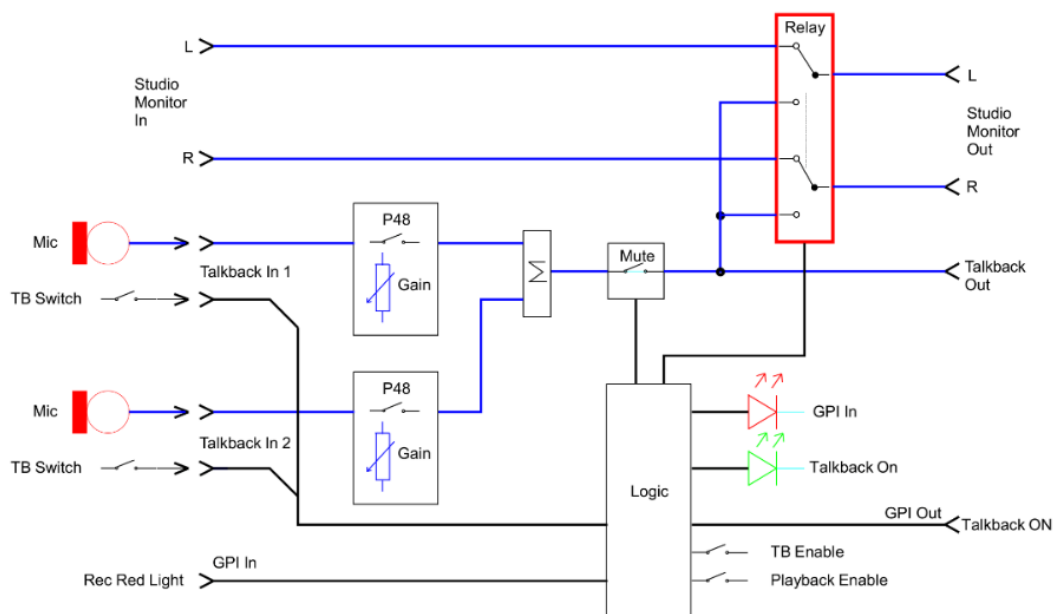Studio monitor control unit with talkback and GPIO logic

FEATURES

- 2 talkback mic/line inputs
- Adjustable gain and phantom power for talkback inputs
- Separate talkback audio output
- Isolated Red Light GPI input
- Talkback GPI outputs
- Separate enable switches for talkback and playback blocking on RED light
- GPIO indication LEDs
- Simple CAT5e cabling for talkback microphone remote control panels

ADVANTAGES

Studio monitor control unit with two talkback inputs and GPIO logic.

It features studio monitors playback and talkback blocking on Recording or On Air Red Light, Red Light GPI input, talkback GPI output, gain and phantom power select for talkback inputs.

BLOCK DIAGRAM

SPECIFICATION	
AudioResolution LC-1	
Input section	
Number of inputs:	2x Talkback mono
	1x Monitor stereo input
Talkback input	
Input connector:	5-pin Phoenix
	RJ45
Input level	MIC
Gain settings:	+40dB, +20dB
Phantom power:	Yes, switchable
Controls:	Gain switch, Phantom, level
Talkback Out	
Output noise level:	-85 dBu / 40dB Gain, Level at middle position
	-90 dBu /20dB Gain, Level at middle position
Max. output level:	+27 dBu / THD+N < 0,1%
Studio monitor In/ Out	
Input connector:	2x 3-pin Phoenix
Output connector:	2x 3-pin Phoenix
Input/ Oytput level:	MIC/ LINE
IN/ OUT switching:	Relay
GPIO section	
GP outputs:	Talkback active
GP inputs:	Talkback Mic 1
	Talkback Mic 2
	Red Light
Front panel	
Signalization:	Power, Talkback Mic 1, Talkback Mic 2, Red Light
Controls:	Talkback Enable
	Playback enable
Power	
Power supply:	24V DC /1A
Dimensions and weight	
Dimensions HxWxL:	44x480x265 mm
Weight:	3,4 kg