



IS 141 CALL BEACON



USER MANUAL

August 2016

This product is designed and manufactured by :

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1.0 GENERAL DESCRIPTION

The IS-141 Call Beacon is to be connected to an intercom party line of an ASL analog intercom system.

The unit is housed in a strong ABS case and contains a large LED light and a very loud buzzer. If a Call signal appears on the party line, the LED light and/or the buzzer are activated.

A Call signal is generated if the CALL button of one of the user stations connected to the referring party line is pushed. By pushing this button shortly, the Call LED's of all user stations start flashing. If the button is pushed and held for two seconds the buzzers of all user stations are activated. The LED light and the buzzer in the IS- 141 react accordingly.

The LED light of the IS-141 consist in fact of 12 small LED's, emitting their combined red light in an angle of approximately 270 ° horizontally. The buzzer of the IS 141 consist of a small loudspeaker. The characteristic and distinctive ASL buzzer sound is generated by electronic circuitry in the IS-141.

Light intensity and buzzer volume can be separately adjusted by control knobs

On the rear of the IS-141 an XLR-3 male and female connector are mounted, to connect the unit to the intercom party line (microphone cable with 2 conductors and one shield).

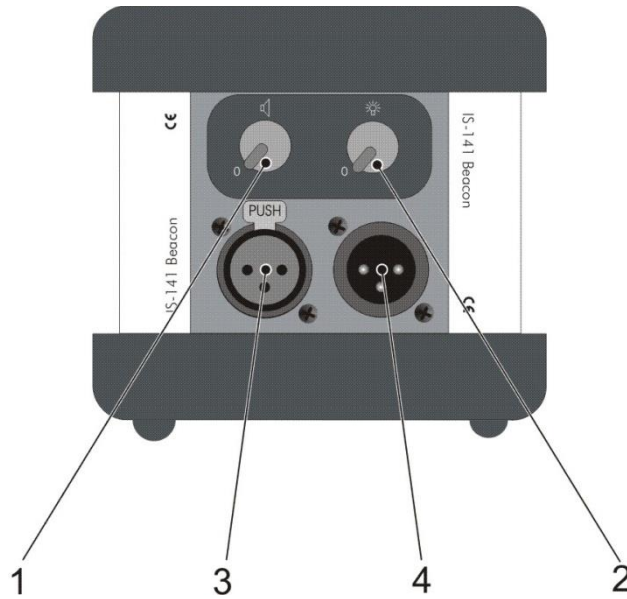
The electronics of the IS-141 are powered by the 30V DC on the party line, supplied by an ASL master station or separate power supply .

The IS-141 may also be connected to a multi-channel speaker station of ASL Digital Intercom. In that case the unit reacts to a Call signal which appears on one or several channels on this digital speaker station.

For the connection between the IS-141 and a digital speaker station a special cable is needed (see user manual of ASL Digital Series).



2.0 CONTROLS & CONNECTORS



1 BUZZER VOLUME control knob

Turning this knob clockwise increases the buzzer volume. If the knob is turned fully counter clockwise, it clicks and switches off the buzzer.

2 LIGHT INTENSITY control knob

Turning this knob clockwise increases the light intensity. If the knob is turned fully counter clockwise, it clicks and the LED light is switched off.

3 XLR-3 female connector

To connect the intercom party line

4 XLR-3 male connector

To daisy chain the intercom party line

3.0 TECHNICAL SPECIFICATIONS

LED light (red/orange)

Max. light intensity: 200 lumen

Buzzer

Max. SPL : 100 dBA

Dimensions & Weight

Width and Depth: 105 mm

Height: 100 mm

Weight: 560 grams

Power Consumption IS-141

light signaling: 2.5 watt **

sound signaling: 4.5 watt **

light + sound signaling: 7 watt **

**Power consumption when the control knobs are set for maximum light intensity and maximum sound volume

ASL reserves the right to alter specifications without prior notice