ANALOG ASL INTERCOM

IS 141
CALL BEACON

USER MANUAL

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1.0   GENERAL DESCRIPTION

The IS 141 Call Beacon is to be connected to a 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. When a Call signal appears on the party line, the LED light and/or the buzzer are activated.

A Call signal is generated when 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. When 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 º 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 party line (microphone cable with 2 conductors and one shield).
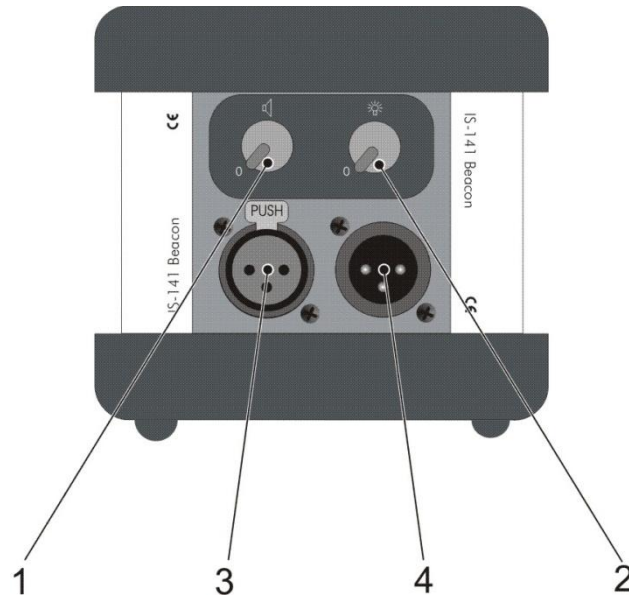
The electronics of the IS 141 are powered by the 30V DC on the party line, supplied by an ASL master station or separate power supply .

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. When 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. When the knob is turned fully counter clockwise, it clicks and switches off the LED light.

3   XLR-3 female connector
To connect the party line to the IS 141.

4   XLR-3 male connector
For extending the party line (daisy chain wiring).

3.0	TECHNICAL SPECIFICATIONS

LED light
Max. light intensity: 200 lumen
The LED color is red/orange

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 / sound volume

ASL reserves the right to alter specifications without prior notice