

iCall 587 LBKL-IO (BRWGY)

The iCall 587 LBKL-IO is a 5-field room lamp, connected to the Local Bus. Code Blue, Emergency/Assistance Call, Presence and Bathroom call are indicated on separate high power LEDs.



Functional Description

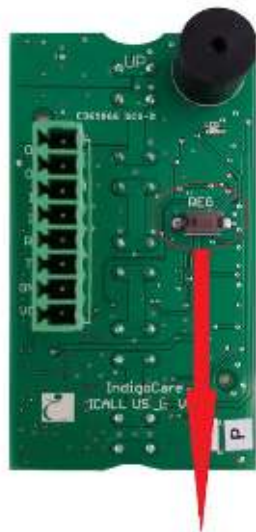
The unit has 5 high power LEDs for displaying room status. Available LED colors are red, green, yellow, white and blue. The iCall 587 LBKL-IO is also equipped with 2 programmable digital inputs and 2 programmable digital outputs.

The iCall 587 LBKL-IO is individually programmable, remotely via web browser. The unit is monitored 24/7 by the main IP-unit. A wall mounting box (120 x 80 x 38mm) is standard included in the package.

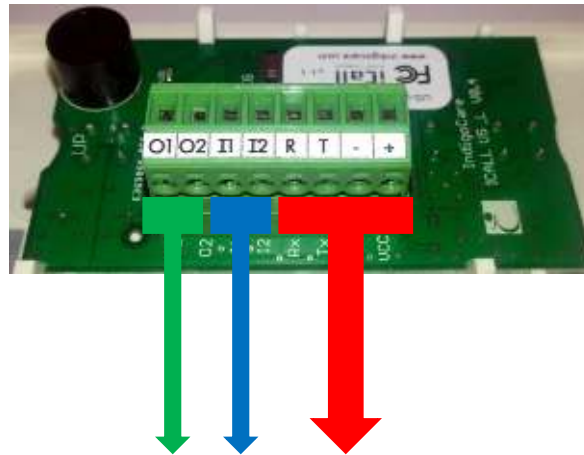
Features

- Room status indications:
 - Call
 - Bathroom Call
 - Staff Present
 - Staff Assist
 - Code Blue
 - Emergency
- 24/7 monitoring by the main IP unit
- 2 programmable digital inputs
- 2 programmable digital outputs
- Mounting box and screws included
- 5 High power LEDs
- Integrated buzzer
- Buzzer volume control in 4 steps

Hardware description



Registration Button



Output Input Local bus

Name		Description
O1		Output 1
O2		Output 2
I1		Input 1
I2		Input 2
R		Rx data line
T		Tx data line
-		GND
+		+24V DC

Status	Flashing mode	Color
Call	Call LED = Stable ON	Red
Call Bathroom	Call Bathroom LED = Stable ON	White
Presence	Present LED = Stable ON	Green
Staff Assist	Present LED = ON / Call LED = Flashing mode 1	Red
Staff Assist Bathroom	Present LED = ON / Bathroom LED = Flashing mode 1	Red
Emergency	Call LED = Flashing mode 2	Red
Code Blue	Code Blue LED = Flashing mode 3	Blue



General Absolute Maximum Ratings !				min	typ	max	unit	
	Supply Voltage		Vcc	18	24	30	V	
	Supply Current forward		I _f	5	7	15	mA	
	Operating Temperature (ambient)		T _{amb}	0	-	65	°C	
	Maximum reverse voltage		V _r	-	40	-	V	
	Leackage current (reverse)		I _r	-	-	15	µA	
Mechanical properties								
	Parameter			min	typ	max	unit	
	PCB	Dimensions	L x W x H	-	40,5 x 46,5 x 14	-	mm	
			L x W x H	-	1,59" x 1,83" x 0,55	-	" (inch)	
			L x W x H	-	1594,5 x 1830,7 x 551,2	-	mils	
		Base material		-	FR-4, Td>=325°C, T260>=60', T288>=5', CTEz<3.7%, Tg>=135°C	-	-	
			copper layer thickness	-	1,378	-	mils	
				-	0,035	-	mm	
		isolation thickness	-	59,055	-	mils		
			-	1,5	-	mm		
		Total thickness	-	61,811	-	mils		
			-	1,57	-	mm		
	weight	-	0,0287	-	lbs			
		-	0,013	-	kg			
	Plastic	base material				PA-765A	Acrylonitrile Butadiene Styrene	
		Weight		-	0,0882	-	lbs	
				-	0,04	-	kg	
		Foil	base material				Reflex	Hardcoated Polyester Film
	Weight			-	0,0276	-	lbs	
			-	0,0125	-	kg		
	Total Assembly	Weight		-	0,1444	-	lbs	
			-	0,066	-	kg		
Electrical properties								
Symbol	Parameter		State	min	typ	max	unit	
V _{cc}	Operating Voltage			18	24	30	V _{dc}	
I _f	Forward Supply Current			@18V Vcc	@24V Vcc	@30V Vcc		
		Standby	All LED's off				mA	
		Assistance	<					

Order information

- NWBAES3856 iCall 587 LBKL-IO (BRWGY)

Contact information

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