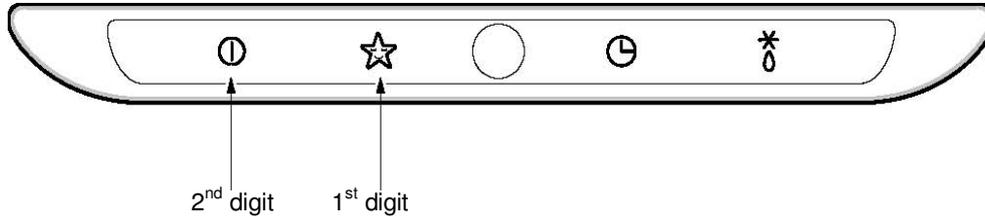




Universal and Multi Split Units

If there is a fault on any LG Universal or Multi unit, a two digit number will appear on the remote controllers led display. If the unit does not have a remote controller the fault will be displayed using the LED's on the front of the indoor unit.



The second digit of the fault code is shown by the power led which has the following symbol by it

The first digit will be displayed by one other led.

Error Indicator:

- The function provides self-diagnosis and displays an error code if there is any trouble.
- Error codes are displayed on the Indoor unit's Wired Remote as CH**, and/or Fascia Display. In addition, the code is indicated via LED's on the outdoor unit control board.
- If more than two troubles occur simultaneously, the lower number of error code is displayed first.
- After an error occurs, if error is released, error LED is also released simultaneously.

Indoor Unit Faults:

Error code	Contents	Case of error	Indoor Status
01	Air sensor (open/short)	Open / Short circuit	Off
02	Inlet pipe sensor	Open / Short circuit	Off
03	Communication(Indoor ↔ Wired R/Control)	Communication Poorly	Off
04	Drain pump / Float switch	Float switch Open circuit (High level water alarm)	Off
05	Communication(Indoor ↔ Outdoor)	Communication Poorly	Off
06	Outlet pipe sensor	Open / Short circuit	Off
07	Different operation mode	Indoor units set in different operation modes	Off
HL	High Limit (Float Switch)	Same as code 04, Float switch Open circuit	Off
CL	Child Lock Function selected	Not an error, press Timer & Min buttons simultaneously for 3 seconds to toggle On/Off	On
Po	Jet Cool Mode selected	Not an error, press Jet Cool button to toggle On/Off	On



Outdoor Unit Faults can also be read from the outdoor unit PCB using the flashing LED's as below:

Error code	Contents	LED01G (Red)	LED02G (Green)	Case of Error	Outdoor Status
21	IPM Fault (Compressor Over current)	2 times	1 time	Compressor malfunction, IPM Fault	Off
22	CT 2 (Max. Current)	2 times	2 times	Current is 14A ↑	Off
23	DC Link Low Volt.	2 times	3 times	DC Link volt. Is 140V ↓	Off
24	Low / High Pressure	2 times	4 times	Low / High press switch OPEN	Off
25	AC Low / AC High Volts.	2 times	5 times	Abnormal AC volt. Input.	Off
26	DC Compressor Position	2 times	6 times		Off
27	PSC Fault (Reactor)	2 times	7 times		Off
28	DC Link High Volts	2 times	8 times	Off	Off
32	Discharge Pipe Temp. High (INV)	3 times	2 times	Off	Off
33	Discharge Pipe Temp. High (Cons.)	3 times	3 times	Off	Off
40	CT Circuit	4 times		CT Circuit malfunction	Off
41	D-Pipe sensor INV. (Open/Short)	4 times	1 time	Open / Short circuit.	Off
44	Air sensor (Open/Short)	4 times	4 times	Open / Short circuit	Off
45	Cond. Pipe Sensor (Open/Short)	4 times	5 times	Open / Short circuit	Off
46	Suction Pipe Sensor (Open/Short)	4 times	6 times	Open / Short circuit	Off
47	D-pipe Sensor Cons. (Open/Short)	4 times	7 times	Open / Short circuit	Off
48	D-Pipe & Air Sensor (Open)	4 times	8 times	Dual Sensor unplugged	Off
51	Over Capacity	5 times	1 times	Over Load Combination	Off
52	Communication Error (Main micom ↔ Sub micom)	5 times	2 times	Poor/Loss of Communication	Off
53	Communication Error (Indoor ↔ Outdoor)	5 times	3 times	Poor/Loss of Communication	Off
54	Outdoor 3-Phase Power Supply Reverse Phase / Missing Phase	5 times	4 times	Incorrect Wiring	Off
60	EEPROM Check Sum	6 times		Check Sum Mis-Match	Off
61	Cond. Pipe Sensor Temp. High	6 times	1 time	Cond. Temp. High	Off
62	Heat Sink Sensor Temp. High	6 times	2 times	Heat Sink Temp. High	Off
63	Cond. Pipe Sensor Temp. Low	6 times	3 times	Cond. Temp. Low	Off
65	Heat Sink Sensor (Open/Short)	6 times	5 times	Open / Short circuit	Off
67	Outdoor BLDC Fan Lock	6 times	7 times	Fan Motor/Circuit Problem	Off
105	Comms. Error (Main board ↔ Fan board)	6 times	5 times	Poor/Loss of Communication	Off

The codes are explained in detail on the following pages.