

Meaning Of Alarm Messages - Sanyo XM18AAB Installation Instructions Manual

W-2way system air conditioner

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7-7. Meaning of Alarm Messages

Table of Self-Diagnostics Functions and Description of Alarm Displays

Alarm messages are indicated by the blinking of LED 1 and 2 (D72, D75) on the outdoor unit PCB. They are also displayed on the wired remote controller.

- Viewing the LED 1 and 2 (D72 and D75) alarm displays

LED 2

LED 1

Alarm display		
LED 1 blinks M times, then LED 2 blinks N times. The cycle then repeats.		
Alternating		
(
: Blinking)		
Connect the outdoor maintenance remote controller to the RC socket on the outdoor main unit control PCB (3P, blue),		
and check the Alarm Messages on the remote controller display.		

Possible cause of malfunction

Remote controller is detecting Serial error signal from indoor unit. communication errors

Mis-setting

Indoor unit is detecting error signal from remote controller (and system controller).

Indoor unit is detecting error signal from main outdoor unit.

Outdoor unit is detecting error signal from indoor unit

Improper setting of indoor unit or remote controller.

During auto address setting, number of connected units does not correspond to number set.

When turning on the power supply, number of connected units does not correspond to number set.

(Except R.C. address is "0.")

Indoor unit communication error of group control wiring.

Improper setting.

M = 2: P alarm 3: H alarm 4: E alarm 5: F alarm 6: L alarm
N = Alarm No.

Example: LED 1 blinks 2 times, then LED 2 blinks 17 times. The cycle then repeats.

Alarm is "P17."

Error in receiving serial communication signal. (Signal from main indoor unit in case of group control)
Ex: Auto address is not completed.

Error in transmitting serial communication signal

Error in receiving serial communication signal.

When turning on the power supply, the number of connected indoor units does not correspond to the number set. (Except R.C. address is "0.")

Error of the main outdoor unit in receiving serial communication signal from the indoor unit.

Indoor unit address setting is duplicated.

Remote controller address connector (RCU. ADR) is duplicated. (Duplication of main remote controller)

Starting auto address setting is prohibited.

This alarm message shows that the auto address connector CN100 is shorted while other RC line is executing auto address operation.

Error in auto address setting. (Number of connected indoor units is less than the number set.)

Error in auto address setting. (Number of connected indoor units is more than the number set.)

No indoor unit is connected during auto address setting.

Main outdoor unit is detecting error signal from sub outdoor unit.

Error of outdoor unit address setting.

The number of connected main and sub outdoor units do not correspond to the number set at main outdoor unit PCB.

Error of sub outdoor unit in receiving serial communication signal from main outdoor unit.

Error of main indoor unit in receiving serial communication signal from sub indoor units.

This alarm message shows when an indoor unit for multiple-use is not connected to the outdoor unit.
 Duplication of main indoor unit address setting in group control.
 Duplication of outdoor R.C. address setting.
 There are 2 or more indoor unit controllers that have operation mode priority in refrigerant circuit.
 Group control wiring is connected to individual control indoor unit.
 Indoor unit address is not set.
 Capacity code of indoor unit is not set.
 Capacity code of outdoor unit is not set.

Mis-matched connection of outdoor units that have different kinds of refrigerant	☀	
4-way valve operation failure	☀	
Alarm contents		
Priority set remote controller		
Non-priority set remote controller		

47 Alarm message ☀

<E01>		
<E02>		
<<E03>>		
E04		
<E06>		
E08		
<<E09>>		
E12		
E15		
E16		
E20		
E24		
E25		
E26		
E29		
E18		
L02		
<L03>		
L04		
L05		
L06		
L07		
L08		
<<L09>>		
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