

Meanings Of Alarm Messages - Sanyo SPW-XR253GH56 Technical Data & Service Manual

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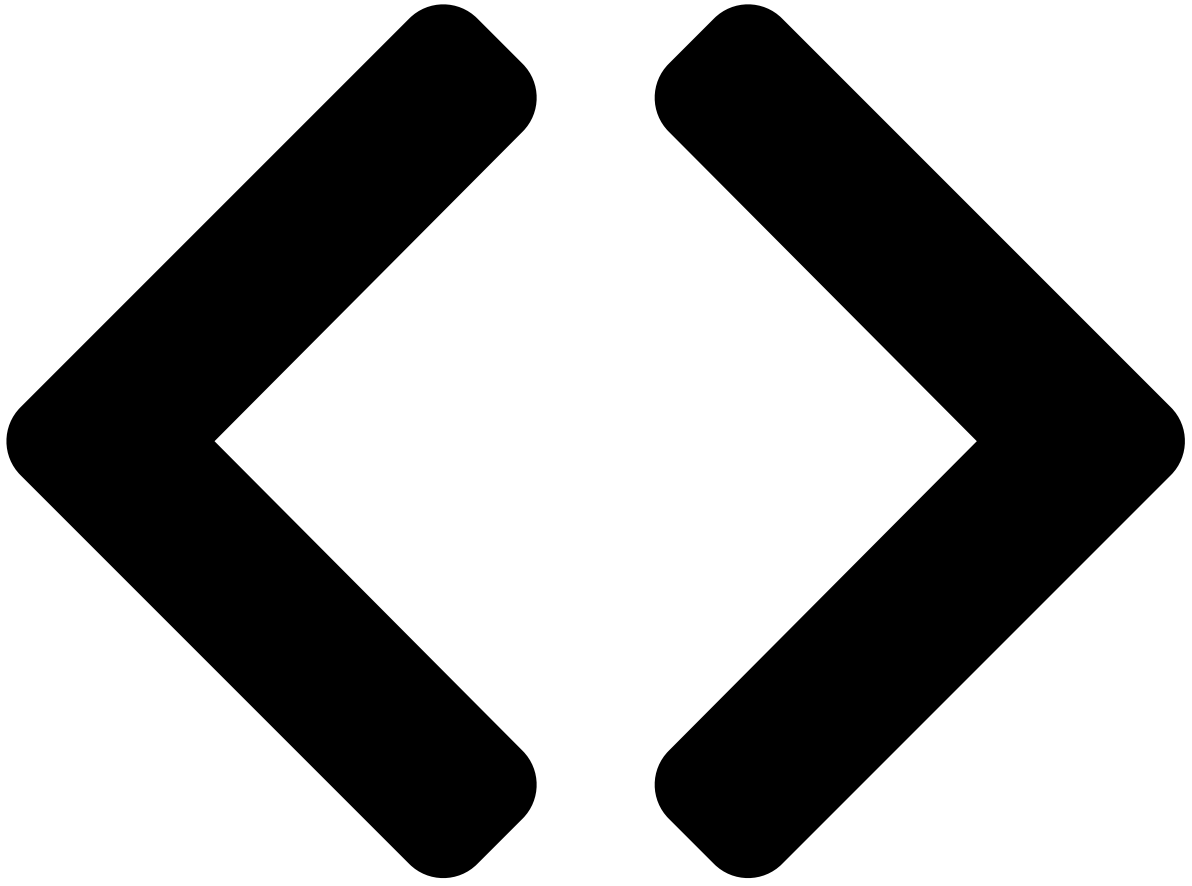
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Meanings of alarm messages

If an error occurred in the air conditioner, the error condition is presented by indicating the error code in the wired remote controller display or by the combination of lamp statuses for operation, timer and heat stand-by (OFF status and flashing status).

Possible causes of troubles

Remote controller is detecting

unusual signal from indoor unit.

- Indoor unit is detecting unusual signal from the remote controller or group control.

(No serial communications signal)

Improper setting of indoor unit or remote controller.

Indoor unit is detecting unusual

signal from signal option.
 Improper setting of indoor unit or remote controller.
 Indoor unit is detecting unusual signal from outdoor unit.

Outdoor unit is detecting unusual signal from indoor unit.
 Auto. address setting is not correct.
 Indoor unit is detecting unusual signal from another indoor unit.
 Improper setting of indoor unit or remote controller.
 Improper wiring connections of ceiling panel.

Protective device in indoor unit is activated.
 Protective device in outdoor unit is activated.

Error receiving of serial communications signal.
 Error transmitting of serial communications signal.

Indoor unit address setting is duplicated.
 Remote controller address (RCU.ADR) is duplicated.
 Error receiving of serial communications signal.

When using flexible combination control, main indoor unit address setting is duplicated. (judged by outdoor unit.)

Error receiving of serial communications signal.
 Error transmitting of serial communications signal
 Error receiving of serial communications signal.

(Confirmation error of unit numbers included)
 Error transmitting of serial communications signal.

No. of judged indoor units or total capacity of indoor units is small.
 No. of judged indoor units or total capacity of indoor units is large.

Error receiving of serial communications signal.
 Model setting of indoor unit is not matching the outdoor unit.

When using group control, main indoor unit address setting is duplicated. (judged by indoor unit.)

Improper wiring between indoor units. (There is a group connection wiring in case of individual control.)

Capacity code of indoor unit is not set.
 Improper wiring of group control wiring.

Thermal protector in indoor fan motor is activated.
 Float switch is activated.

- Thermal protector in outdoor fan motor is activated.
- PC or AC Compressor thermal protector is activated.
- Power supply voltage is unusual. (The voltage is more than 260 V or less than 160 V between L and N phase.)

Discharge gas temperature of PC comp. is unusual.
 High pressure switch is activated.

Negative phase or voltage drops.
 Other indoor unit is warning.

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4. Service procedures

Wired remote
 Wireless remote

controller
 controller

display
 display

E01
 Operation

lamp flashes
 E02

O: Operation

Mis-setting of protective device

E03
 lamp
 : Timer lamp
 E08
 :Heat stand-

E09
 by lamp
 E11
 E14
 E04
 Heat stand-by
 lamp flashes
 E05
 E06

:Operation
 lamp
 : Timer lamp

E07
 O: Heat stand-

E15
 by lamp
 E16
 E18

L02
 Operation lamp
 and heat stand-

L03
 by lamp flash at
 the same time.
 L07

O: Operation
 lamp
 L09

: Timer lamp
 L11

O: Heat stand-
 by lamp
 : Operation

P09
 lamp
 O: Timer lamp

P01
 O: Heat stand-

P10
 by lamp
 Operation lamp

P02
 and heat stand-by
 lamp flash
 alternately.
 O: Operation

P03
 lamp
 P04

: Timer lamp
 P05

O: Heat stand-
 by lamp
 P31

SM830080

• Serial communication errors • Mis-setting		
• Mis-setting		
of protective device		

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