

Control System For Each Indoor Unit - Sanyo MINI ECO-i SPW- CR365GXH56B Service Manual

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Troubleshooting

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Bookmarks



1. Control System for Each Indoor Unit

1-1. Remote Control (Interface Cable Between the Indoor Unit and the Remote Monitor)

G

In the case of flexible control, operation is possible when the wiring is connected to any of the indoor units.

1-1-1. Control items

- (1) Start/stop (input): Starts and stops unit operation.
- (2) Central/individual switching (input): . . . Selects central control (remote-controller prohibited)
- (3) Operating signal (output): This signal is output during operation
- (4) Alarm signal (output): This signal is output when an alarm is active

1-1-2. Control content

Start/stop

COM

Remote controller

prohibit/permit

Operating
 signal output
 COM
 Alarm

signal output
 T10
 (Yellow)

Fig. 1

T10-1 and T10-2

(
 indicates short-circuited pulse signal)

T10-4 and T10-5

(
 indicates output.)

or individual control (remote controller permitted).

(Not output when an alarm occurs.)

(serial communications trouble, indoor/outdoor unit protection device).

T10-1 and T10-2: The current status is reversed each time an instantaneous

1

2

T10-2 and T10-3:

3

4

T10-4 and T10-5:

+12V

5

6

T10-5 and T10-6:

300ms or more

Unit operating status

short-circuit (300 ms or longer) occurs. (If a relay circuit is included, in general the short-circuit should be 500 ms or longer.)

(See more explanation below.)

When short-circuited, prohibits start/stop from the remote controller.

When open, permits start/stop from the remote controller.

Operating signal output

Alarm signal output

(Explanation continued from above.)

This is set as a pulse signal at the time of shipping from the factory. To use as a static signal, the following change must be made.

Use nippers or a similar tool to cut the jumper JP001 on the indoor unit control PCB.

ON

OFF

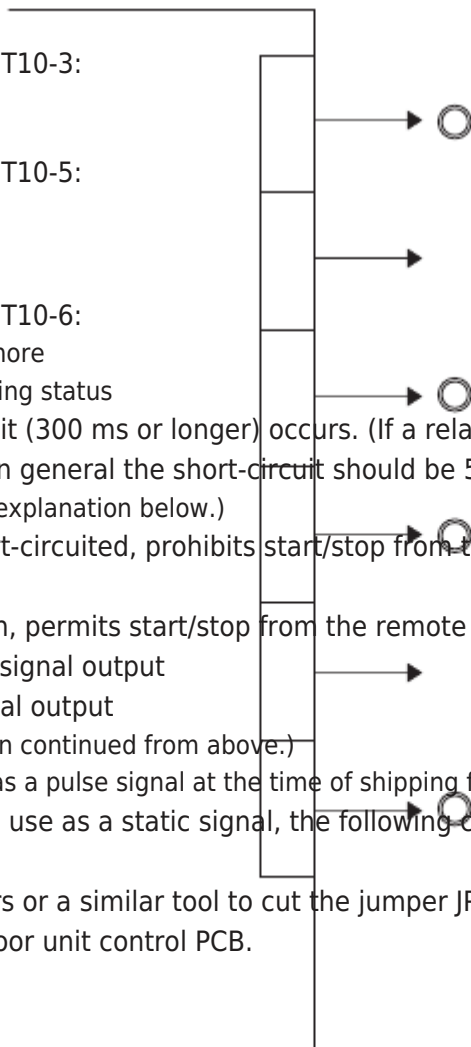
Operating

Stopped

Fig. 2

7 - 2

Mini ECO-i System



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[SAP-K161GJA Changing Address Of Remote Control Unit In Indoor Unit](#)

Sanyo SAP-K161GJA

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