

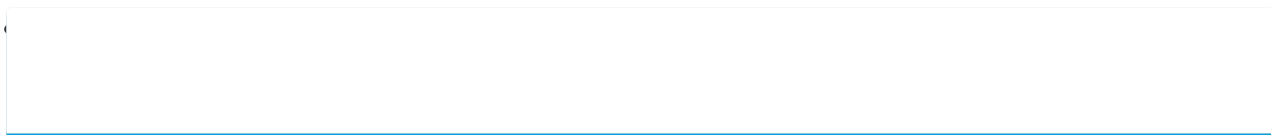
Functions (For Cr-Chdz09663) - Sanyo CHDZ07263 Service Manual

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Bookmarks



1. Outdoor Unit Control PCB

1-4. Functions (for CR-CHDZ09663)

Automatic address setting
(CN100)

S002

S003

S004

S005

S006

S007

S010

2P plug (white): Automatic address setting pin

- Short-circuit this pin for 1 second or longer to automatically set the addresses at the indoor units that are connected to that outdoor unit and are within the same system.

- The system address is "1" at the time of shipment. Automatic address setting is necessary even for communications lines in a single system where the inter-unit control wiring does not cross to any other systems.

- While automatic address setting is in progress, the 2 LEDs (LED1, 2: red) on the outdoor unit control PCB blink alternately. (Short-circuiting this pin while automatic address setting is in progress will stop the automatic address setting operation.)

Rotary switch (10 positions, black): Outdoor system address setting switch

- The setting is "1" at the time of shipment. It is not necessary to change the setting if wiring is connected only to an outdoor unit and indoor units in a single system and the inter-unit control wiring does not cross multiple systems.

- If wiring links the inter-unit control wiring for multiple systems to the same communications lines, then a different address must be set for each refrigerant tubing system.

- If wiring links multiple systems, a maximum of 30 systems (up to 64 indoor units) can be connected. This setting can be set up to "39," however control will be for 30 systems even if the setting is set to higher than 30. An alarm will be displayed if system addresses are duplicated. (For details, refer to Table 1.)

DIP switch (2P, blue): Switches for setting system address 10s digit and 20s digit

- If 10 systems or more are set, the setting is made by a combination of this DIP switch and S002.

- If 10 - 19 systems are set, set switch 1 (10s digit) to ON.

- If 20 - 29 systems are set, set switch 2 (20s digit) to ON, and set switch 1 (10s digit) to OFF.

- If 30 systems are set, set both switch 1 (10s digit) and switch 2 (20s digit) to ON. (For details concerning S002 and S003, refer to Table 1.)

Rotary switch (10 positions, red): Switch for setting the number of connected indoor units. In order to allow the outdoor unit to manage indoor units in the same refrigerant system, set the rotary switch to the number of connected indoor units. (For details, refer to Table 2.)

DIP switch (3P, blue): Switches for setting the 10s, 20s, and 30s digit for the number of connected indoor units

- If 10 systems or more are set, the setting is made by a combination of this DIP switch and S004.

- If 10 - 19 systems are set, set only switch 1 (10s digit) to ON.

- If 20 - 29 systems are set, set switch 2 (20s digit) to ON, and set switch 1 (10s digit) to OFF.

- If 30 - 39 systems are set, set only switch 3 (30s digit) to ON. (For details concerning S004

and S005, refer to Table 2.)

DIP switch (3P, blue): Switch for setting the number of outdoor units

•
Turn the switches ON according to the number of outdoor units (1 - 4). (For details, refer to Table 3.)

DIP switch (3P, blue): Unit No. setting switch

•
The setting is "1" at the time of shipment. (For details, refer to Table 4.)

DIP switch (3P, blue): Backup operation switch

If an INV compressor has malfunctioned, turn CT1 ON and Back Up SW ON to operate the outdoor unit using only the constant-speed compressor.

If a constant-speed compressor has malfunctioned, turn CT2 ON and Back Up SW ON to operate the outdoor unit using only the INV compressor. (Disconnect the wiring from the constant-speed compressor.)

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PCB and Functions

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