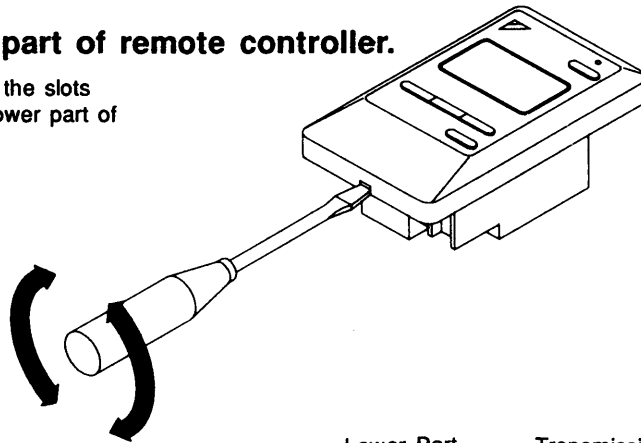


2 Simplified remote controller

BRC2A51

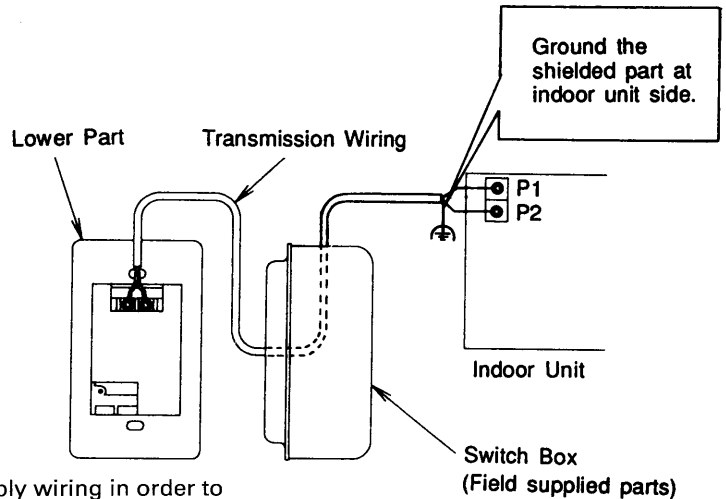
1. Remove the upper part of remote controller.

Insert minus screwdriver into the slots between the upper and the lower part of remote controller.



2. Wire the indoor unit.

Connect terminals P1 and P2 on the rear of the lower part of remote controller to terminals P1 and P2 on the indoor unit. (Terminals P1 and P2 have no polarity.)



NOTE

1. When wiring, run the wiring away from the power supply wiring in order to avoid receiving electric noise (external noise).
2. When wiring, refer to the wiring diagram of indoor unit (attached to indoor unit) as well.

WIRING SPECIFICATION

Wiring type	Shield wire (2 wire) (See NOTE 2,3)
Size	0.75 – 1.25 mm ²

- NOTE)** 1. Treat the terminal for the wire to be connected to the remote controller so the shielded part does not touch any other part.
2. Sheathed wire may be used for transmission wirings, but they do not comply with EMC (Electromagnetic Compatibility) (European Directive).
When using sheathed wire, EMC must conform to Japanese standards stipulated in the Electric Appliance Regulatory Act. (If using a sheathed wire, the grounding shown the figure on the right is unnecessary.)

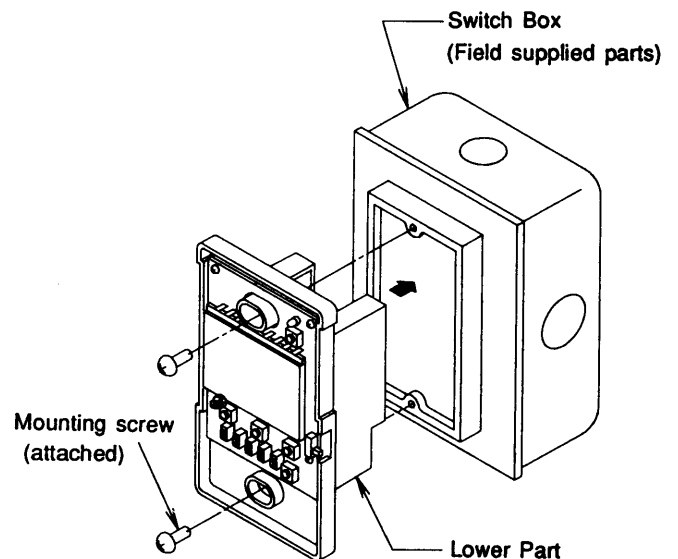
3. Fasten the remote controller.

Attach the lower part of remote controller to the switch box (field supplied parts).

NOTE

Choose the flattest place possible for the mounting surface. Be careful not to distort the shape of the lower part of remote controller by over-tightening the mounting screws.

For the field supplied switch box, use optional accessories KJB111A.



4. Initial setting

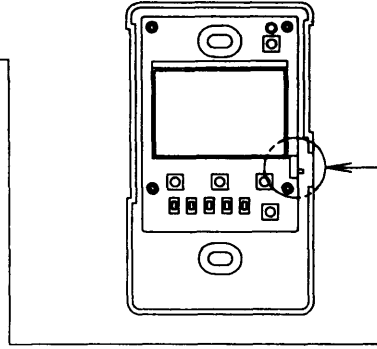
Change the MAIN/SUB changeover switch setting as described below.
If controlling one indoor unit with two remote controllers.
Set one remote controller to "main," and the other to "sub."



Main Remote
Controller
(Factory Set)



Sub Remote
Controller



NOTE

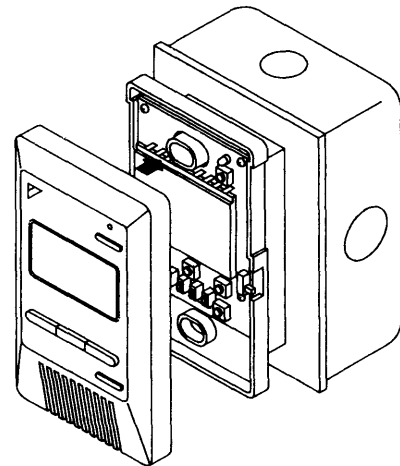
- If controlling with one remote controller, be sure to set it to "main."
- Set the remote controller before turning power supply on.

"88" is displayed for about one minute when the power supply is turned on, and the remote controller cannot be operated in some cases.

5. Reattach the upper part of remote controller.

NOTE

1. The switch box and wiring for connection are not included.
2. Do not directly touch the PC board with your hand.



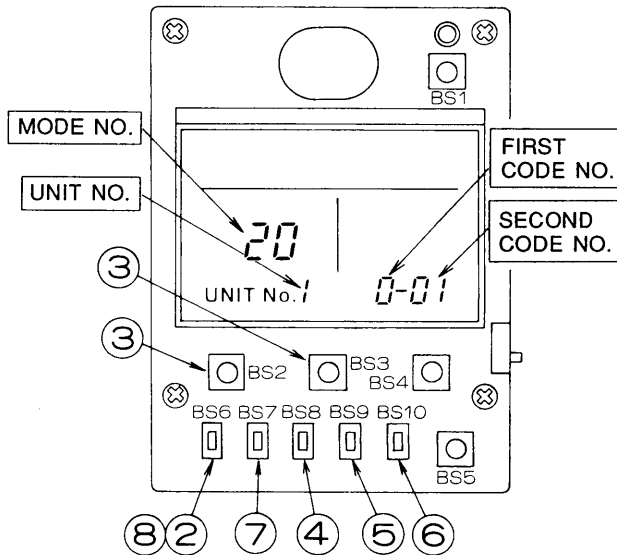
FIELD SETTING

(If optional accessories are mounted on the indoor unit, the indoor unit setting may have to be changed. Refer to the instruction manual for each optional accessory.)

Procedure

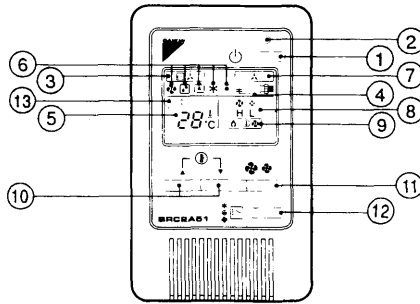
- ① Remove the upper part of remote controller.
- ② When in the normal mode, press the **[BS6]** BUTTON (field set), and the FIELD SET MODE is entered.
- ③ Select the desired MODE No. with the **[BS2]** BUTTON (temperature setting ▲) and the **[BS3]** BUTTON (temperature setting ▼).
- ④ During group control, when setting by each indoor unit (mode No. 20, 22 and 23 have been selected), push the **[BS8]** BUTTON (unit no.) and select the INDOOR UNIT NO. to be set. (This operation is unnecessary when setting by group.)
- ⑤ Push the **[BS9]** BUTTON (set A) and select FIRST CODE NO.
- ⑥ Push the **[BS10]** BUTTON (set B) and select SECOND CODE NO.
- ⑦ Push the **[BS7]** BUTTON (set/cancel) once and the present settings are SET.
- ⑧ Push the **[BS6]** BUTTON (field set) to return to the NORMAL MODE.

(Example) If during group setting and the time to clean air filter is set to FILTER CONTAMINATION - HEAVY, SET MODE NO. to "10," FIRST CODE NO. to "0," and SECOND CODE NO. to "02."



Mode No. (Note) 1	FIRST CODE No.	Description of Setting	SECOND CODE No. (Note) 2		
			01	02	03
10(20) (Note) 6	0	Filter Contamination - Heavy/Light (Setting for spacing time of display time to clean air filter) (Setting for when filter contamination is heavy, and spacing time of display time to clean air filter is to be halved)	Long Life Filter Light Approx. 2,500 Hrs.	Heavy Approx. 1,250 Hrs.	—
		Standard Filter Approx. 200 Hrs.	Approx. 100 Hrs.	—	
12(22)	3	Spacing Time of Display Time to Clean Air Filter Count (Setting for when the filter sign is not to be displayed)	Display	Do Not Display	—
	1	ON/OFF Input from Outside. (Setting for when forced ON/OFF is to be operated from outside.)	Forced OFF	ON/OFF Operation	—
13(23)	2	Thermostat Differential Changeover (Setting for when using the remote sensor) FXYC, FXYF, FXYK or FXYH only	1°C	0.5°C	—
	0	High Air Outlet Velocity (Setting for when installed in a high ceiling) FXYF only	2.7 m or less	More than 2.7 m; 3.0 m or less	More than 3.0 m; 3.5 m or less
15(25)	1	Selection of Air Flow Direction (Setting for when a blocking pad kit has been installed) FXYF only	4-way flow	3-way flow	2-way flow
	3	Humidifying with thermostat OFF	Not equipped	Equipped	—
		Drain pump operation with humidifying	Not equipped	Equipped	—

- NOTE) 1. Setting is carried out in the group mode, however, if the mode number inside the parentheses is selected, indoor units can also be set individually.
2. The SECOND CODE number, is set to "01" when shipped from the factory.
3. Do not make any settings not given in the table on the left.
4. Not displayed if the indoor unit is not equipped with that function.
5. When returning to the normal mode, "GG" may be displayed in the LCD in order for the remote controller to initialize itself.
6. This mode is used to set the time until the display time to clean air filter lights up when using central remote controller.



REMOTE CONTROLLER: NAME AND FUNCTION OF EACH SWITCH AND DISPLAY	FERNBEDIENUNG: NAME UND FUNKTION DER SCHALTER UND ANZEIGEN	TELECOMMANDE: NOM ET FONCTION DE CHAQUE COMMUTEUR ET AFFICHAGE
① ON/OFF BUTTON Press the button and the system will start. Press the button again and the system will stop.	① EIN/AUS-TASTE Diese Taste drücken, und das System startet. Die Taste erneut drücken, und das System stoppt.	① BOUTON MARCHÉ/ARRÊT Presser ce bouton pour mettre l'appareil en marche. Presser ce bouton à nouveau pour l'arrêter.
② OPERATION LAMP (RED) The lamp lights up during operation. Blinks in case of stop due to malfunction.	② BETRIEB-LÄMPCHEN (ROT) Das Lämpchen leuchtet während des Betriebs auf. Es blinkt bei einem durch Störung bedingten Abschalten.	② TÉMOIN DE FONCTIONNEMENT (ROUGE) Le témoin est allumé lorsque l'appareil fonctionne. Il clignote en cas d'arrêt dû à un problème.
③ DISPLAY " [Symbol] " (CHANGEOVER UNDER CONTROL) It is impossible to changeover heat/cool with the remote controller when it shows this display. (As for details, see "SETTING OF MASTER REMOTE CONTROLLER" in the operation manual attached to the indoor unit.)	③ ANZEIGE " [Symbol] " (UMSCHALTER IM BETRIEB) Es ist nicht möglich mit der Fernbedienung zwischen Heizen und Kühlen umzuschalten, während diese Anzeige erscheint. (Nähere Einzelheiten dazu entnehmen Sie bitte aus "EINSTELLEN DER MASTER-FERNBEDIENUNG" in der dem Innenaggregat beigelegten Betriebsanleitung.)	③ AFFICHAGE " [Symbol] " (COMMUTATION SOUS COMMANDE) La commutation froid/chaud ne peut pas être effectuée à l'aide de la télécommande lorsque cette indication est affichée. (pour plus de détails, voir "REGLAGE DE LA TELECOMMANDE PRINCIPALE" dans le mode d'emploi joint à l'unité intérieure.)
④ DISPLAY " [Symbol] OPTION " (VENTILATION/AIR CLEANING) This display shows that the total heat exchange and the air cleaning unit are in operation. (These are optional accessories).	④ ANZEIGE " [Symbol] OPTION " (VENTILATION/LUFTREINIGUNG) Diese Anzeige zeigt, daß der Wärmetauscher und die Luftreinigungsstufe in Betrieb sind. (Dies sind getrennt erhältliche Zubehörteile.)	④ AFFICHAGE " [Symbol] OPTION " (VENTILATION/NETTOYAGE DE L'AIR) Cet affichage indique que le dispositif d'échange total de chaleur et l'appareil de nettoyage de l'air fonctionnent. (Accessoires en option).
⑤ DISPLAY " 28°C " (SET TEMPERATURE) This display shows the set temperature. Only given during a cooling or heating operation.	⑤ ANZEIGE " 28°C " (EINGESTELLTE TEMPERATUR) Diese Anzeige zeigt die eingestellte Temperatur. Erscheint nur im Kühl- bzw. Heizbetrieb.	⑤ AFFICHAGE " 28°C " (TEMPERATURE REGLEE) Cet affichage indique la température réglée. Donnée seulement en fonctionnement de rafraîchissement ou de chauffage.
⑥ DISPLAY " [Symbol] " (OPERATION MODE) This display shows current OPERATION MODE. " [Symbol] " is not available with outdoor units specially designed for cooling only. " [Symbol] " is reserved only for outdoor units capable of heat recovery.	⑥ ANZEIGE " [Symbol] " (BETRIEBSART) Diese Anzeige zeigt die aktuelle BETRIEBSART. " [Symbol] " ist nicht bei besonders für Nur-Kühlbetrieb ausgeführten Außenaggregaten verfügbar. " [Symbol] " ist nur für Außenaggregate mit Wärmerückgewinnung vorgesehen.	⑥ AFFICHAGE " [Symbol] " (MODE DE FONCTIONNEMENT) Cet affichage indique le MODE DE FONCTIONNEMENT actuel. " [Symbol] " cet affichage n'est pas disponible pour les unités extérieures conçues spécialement pour le rafraîchissement seulement. " [Symbol] " est réservé aux seules unités extérieures pouvant récupérer la chaleur.
⑦ DISPLAY " [Symbol] " (UNDER CENTRALIZED CONTROL) When this display shows, the system is UNDER CENTRALIZED CONTROL. (This is not a standard specification)	⑦ ANZEIGE " [Symbol] " (UNTER ZENTRALSTEUERUNG) Wenn diese Anzeige erscheint, befindet sich das System unter ZENTRALSTEUERUNG. (Dies ist nicht eine Standardspezifikation)	⑦ AFFICHAGE " [Symbol] " (SOUS COMMANDE CENTRALISEE) Lorsque ceci est indiqué sur l'affichage, le système est SOUS COMMANDE CENTRALISEE. (Ceci n'est pas une caractéristique standard)
⑧ DISPLAY " [Symbol] " (FAN SPEED). The display shows the fan speed: "HIGH" or "LOW".	⑧ ANZEIGE " [Symbol] " (GEBLÄSESTÄRKE) Das Display zeigt die Gebläsestärke: "HOCH" oder "NIEDRIG".	⑧ AFFICHAGE " [Symbol] " (VITESSE DE VENTILATION) Cet affichage indique la vitesse de ventilation: "RAPIDE" ou "LENT".
⑨ DISPLAY " [Symbol] " (DEFROST/ HOT START) Indicates that defrost or hot start (during which the fan is stopped till the temperature of air supply rises enough at the start of a heating run) is progress.	⑨ ANZEIGE " [Symbol] " (ENTFROSTEN/WARMSTART) Zeigt an, daß Entfrosten oder Warmstart im Gange ist (während dieser Zeit ist das Gebläse abgestellt bis die zugeführte Luft am Start des Heizbetriebs eine genügende Temperatur erreicht).	⑨ AFFICHAGE " [Symbol] " (DEGIVRAGE/DEMARRAGE A CHAUD) Indique que le dégivrage ou le démarrage à chaud (pendant lequel le ventilateur est arrêté jusqu'à ce que la température d'alimentation en air soit suffisamment élevée au début d'un cycle de chauffage) sont en cours.
⑩ TEMPERATURE SETTING BUTTON Use this button for SETTING TEMPERATURE of the thermostat. ▲ ; Each press raises the set temperature by 1°C. ▼ ; Each press lowers the set temperature by 1°C. The variable temperature range is 16°C to 32°C.	⑩ TEMPERATUREEINSTELLUNG-TASTE Verwenden Sie diese Taste für die EINSTELLTEMPERATUR des Thermostaten. ▲ ; Bei jedem Drücken dieser Taste wird die eingestellte Temperatur um 1°C erhöht. ▼ ; Bei jedem Drücken dieser Taste wird die eingestellte Temperatur um 1°C gesenkt. Der variable Temperaturbereich beträgt 16°C bis 32°C.	⑩ BOUTON REGLAGE DE LA TEMPERATURE Utiliser ce bouton pour le REGLAGE DE LA TEMPERATURE du thermostat. ▲ ; chaque pression augmente la température de 1°C. ▼ ; chaque pression diminue la température de 1°C. La gamme de variation de température est de 16°C à 32°C.
⑪ FAN SPEED CONTROL BUTTON Press this button to select the fan speed, HIGH or LOW, of your choice.	⑪ GEBLÄSESTÄRKE-REGLER-TASTE Drücken Sie diese Taste, um die Gebläsestärke auf HOCH oder NIEDRIG einzustellen.	⑪ BOUTON DE COMMANDE DE LA VITESSE DU VENTILATEUR Presser ce bouton pour sélectionner la vitesse de ventilation, RAPIDE ou LENT, selon votre choix.
⑫ OPERATION MODE SELECTOR BUTTON Press this button to select OPERATION MODE.	⑫ BETRIEBSART-WAHLSCALTER-TASTE Drücken Sie diese Taste, um die BETRIEBSART zu wählen.	⑫ BOUTON DE SELECTION DU MODE DE FONCTIONNEMENT Presser ce bouton pour sélectionner le MODE DE FONCTIONNEMENT.
⑬ DISPLAY " [Symbol] " (MALFUNCTION) Indicates malfunction and blinks if the unit stops operating due to malfunction. (As for details, see "TROUBLE SHOOTING" in the operation manual attached to the indoor unit.)	⑬ ANZEIGE " [Symbol] " (FEHLFUNKTION) Zeigt eine Fehlfunktion an und blinkt, wenn das Gerät wegen einer Störung stoppt. (Nähere Einzelheiten dazu entnehmen Sie bitte aus "STÖRUNGSBEHEBUNG" in der dem Innenaggregat beigelegten Betriebsanleitung.)	⑬ AFFICHAGE " [Symbol] " (MAUVAIS FONCTIONNEMENT) Indique un mauvais fonctionnement et clignote lorsque l'unité cesse de fonctionner à cause d'un problème. (Pour plus de détails, voir "DEPANNAGE" dans le mode d'emploi joint à l'unité intérieure.)
For the sake of explanation, all indications are shown in the figure above contrary to actual running situations.	Im Gegensatz zu den tatsächlichen Betriebsgegebenheiten sind erklärungs halber alle Anzeigen in der obigen Abbildung dargestellt.	Pour faciliter l'explication, toutes les indications montrées dans la figure ci-dessus sont à l'inverse des conditions réelles de fonctionnement.