OPERATION MANUAL
For safe and correct use, please read this operation manual thoroughly before operating the air-conditioner unit.

BEDIENUNGSANleitung
Zum sicheren und einwandfreien Gebrauch der Klimaanlage dieses Bedienungshandbuch vor Inbetriebnahme gründlich durchlesen.

MANUEL D’UTILISATION
Pour une utilisation correcte sans risques, veuillez lire le manuel d'utilisation en entier avant de vous servir du climatiseur.

BEDIENINGSHANDLEIDING
Voor een veilig en juist gebruik moet u deze bedieningshandleiding grondig doorlezen voordat u de airconditioner gebruikt.

MANUAL DE INSTRUCCIONES
Lea este manual de instrucciones hasta el final antes de poner en marcha la unidad de aire acondicionado para garantizar un uso seguro y correcto.

ISTRUZIONI DI FUNZIONAMENTO
Leggere attentamente questi istruzioni di funzionamento prima di avviare l’unità, per un uso corretto e sicuro della stessa.

ΕΓΧΕΙΡΙΔΙΟ ΟΔΗΓΙΩΝ ΧΡΗΣΗΣ
Για ασφάλεια και σωστή χρήση, προκαλούνται διαβάστε προσεκτικά αυτά τα εγχειρίδια χρήσης πριν άδειες σε λειτουργία τη μηχανή κλιματισμού.

MANUAL DE OPERAÇÃO
Para segurança e utilização correctas, leia atentamente o manual de operação antes de pôr a funcionar a unidade de ar condicionado.

DRIFTSMANUAL
Läs denna driftsmanual noga för säkert och korrekt bruk innan luftkonditioneringen används.
1. Safety Precautions

Before installing the unit, make sure you read all the “Safety Precautions”. The “Safety Precautions” provide very important points regarding safety. Make sure you follow them. Please report to or take consent by the supply authority before connection to the system.

Caution:
- Do not use any sharp object to push the buttons, as this may damage the remote controller.
- Never block or cover the indoor or outdoor unit’s intakes or outlets.

Symbols used in the text
- Warning: Describes precautions that should be observed to prevent danger of injury or death to the user.
- Caution: Describes precautions that should be observed to prevent damage to the unit.

Symbols used in the illustrations
- : Indicates a part which must be grounded.

Note (Marking for WEEE)
This symbol mark is for EU countries only. This symbol mark is according to the directive 2002/96/EC Article 10 Information for users and Annex IV.
Your MITSUBISHI ELECTRIC product is designed and manufactured with high quality materials and components which can be recycled and reused.
This symbol means that electrical and electronic equipment, at their end-of-life, should be disposed of separately from your household waste.
Please, dispose of this equipment at your local community waste collection/recycling centre.
In the European Union there are separate collection systems for used electrical and electronic product.
Please, help us to conserve the environment we live in!

Disposing of the unit
When you need to dispose of the unit, consult your dealer.
2. Parts Names

### Wired Remote-Controller

#### Display Section

I Wired Remote-Controller

**Display Section**

For purposes of this explanation, all parts of the display are shown as lit. During actual operation, only the relevant items will be lit.

**Day-of-Week**

Shows the current day of the week.

**Time/Timer Display**

Shows the current time, unless the simple or Auto Off timer is set. If the simple or Auto Off timer is set, shows the time remaining.

**“Sensor” indication**

Displayed when the remote controller sensor is used.

**“Locked” indicator**

Indicates that remote controller buttons have been locked.

**“Clean The Filter” indicator**

Comes on when it is time to clean the filter.

**Timer indicators**

The indicator comes on if the corresponding timer is set.

**Room Temperature display**

Shows the room temperature. The room temperature display range is 8–39°C. The display flashes if the temperature is less than 8°C or 39°C or more.

**Louver display**

Indicates the action of the swing louver. Does not appear if the louver is stationary.

**Fan Speed indicator**

Shows the selected fan speed.

**Ventilation indicator**

Appears when the unit is running in Ventilation mode.

**Operation Section**

- **Set Temperature buttons**
  - Down
  - Up
- **Timer Menu button** (Monitor/Set button)
- **Mode button** (Return button)
- **Set Time buttons**
  - Back
  - Ahead
- **Timer On/Off button** (Set Day button)
- **Opening the door.**

**Note:**

- **“PLEASE WAIT” message**
  - This message is displayed for approximately 3 minutes when power is supplied to the indoor unit or when the unit is recovering from a power failure.
- **“NOT AVAILABLE” message**
  - This message is displayed if a button is pressed to operate a function that the indoor unit does not have. If a single remote controller is used to simultaneously operate multiple indoor units that are different models, this message will not be displayed if any of the indoor units is equipped with the function.
2. Parts Names

- Wireless Remote-Controller [SLZ-KA VAL only]

When using the wireless remote controller, point it towards the receiver on the indoor unit.
- If the remote controller is operated within approximately two minutes after power is supplied to the indoor unit, the indoor unit may beep twice as the unit is performing the initial automatic check.
- The indoor unit beeps to confirm that the signal transmitted from the remote controller has been received. Signals can be received up to approximately 7 meters in a direct line from the indoor unit in an area 45° to the left and right of the unit. However, illumination such as fluorescent lights and strong light can affect the ability of the indoor unit to receive signals.
- If the operation lamp near the receiver on the indoor unit is flashing, the unit needs to be inspected. Consult your dealer for service.
- Handle the remote controller carefully! Do not drop the remote controller or subject it to strong shocks. In addition, do not get the remote controller wet or leave it in a location with high humidity.
- To avoid misplacing the remote controller, install the holder included with the remote controller on a wall and be sure to always place the remote controller in the holder after use.

- Outdoor unit

Battery installation/replacement [SLZ-KA VAL only]

1. Remove the top cover, insert two AAA batteries, and then install the top cover.
2. Press the Reset button.
3. Screen Configuration

- Function Selection of remote controller
- Set Day/Time

Standard Control Screens

- Timer Monitor
- Timer Setup

4. Setting the Day of the Week and Time

1. Press the \( \text{or } \Delta \) Set Time button \( \text{to show display } 1) \.
2. Press the Timer On/Off (Set Day) button \( \text{to set the day.} \)
3. Press the appropriate Set Time button \( \text{as necessary to set the time.} \)
4. After making the appropriate settings at Steps 2 and 3, press the Filter \( \text{button } \) to lock in the values.

5. Operation

5.1. Turning ON/OFF

<To Start Operation>

- Press the ON/OFF button \( \text{.} \)
- The ON lamp \( \text{and the display area come on.} \)

Note:

- The day and time will not appear if clock use has been disabled at Function Selection of remote controller.
- After the power supply returns, the indoor unit does not operate for three minutes. Above operation is normal.
5. Operation

5.2. Mode select
- Press the operation mode (Cooling mode, Drying mode, Fan mode, Heating mode, Automatic (cooling/heating) mode, Ventilation mode) button ② and select the operation mode.

Automatic operation
- According to a set temperature, cooling operation starts if the room temperature is too hot and heating operation starts if the room temperature is too cold.
- During automatic operation, if the room temperature changes and remains 2 °C or more above the set temperature for 15 minutes, the air conditioner switches to cooling mode. In the same way, if the room temperature remains 2 °C or more below the set temperature for 15 minutes, the air conditioner switches to heating mode.
- Because the room temperature is automatically adjusted in order to maintain a fixed effective temperature, cooling operation is performed a few degrees warmer and heating operation is performed a few degrees cooler than the set room temperature once the temperature is reached (automatic energy-saving operation).

Information for multi system air conditioner (Outdoor unit: MXZ series)
- Multi system air conditioner (Outdoor unit: MXZ series) can connect two or more indoor units with one outdoor unit. According to the capacity, two or more units can operate simultaneously.
- When you try to operate two or more indoor units with one outdoor unit simultaneously, one for the cooling and the other for heating, the operation mode of the indoor unit that operates earlier is selected. The other indoor units that will start the operation later cannot operate, indicating the operation state in flashing.
- There might be a case that the indoor unit, which is operating in Auto (AUTO) mode, cannot change over to the operating mode (COOL or HEAT) and becomes a state of standby.
- When indoor unit starts the operation while the defrosting of outdoor unit is being done, it takes a few minutes (max. about 15 minutes) to blow out the warm air.
- In the heating operation, though indoor unit that does not operate may get warm or the sound of refrigerant flowing may be heard, they are not malfunction. The reason is that the refrigerant continuously flows into it.

5.3. Temperature setting
- Press the ON/OFF button ① to set the operation temperature. The selected temperature is displayed.
- To increase the room temperature:
  - Press the ON/OFF button ① to set the desired temperature. The selected temperature is displayed.
  - Available temperature ranges are as follows:
    - Cooling/Drying: 19 - 30 °C
    - Heating: 17 - 28 °C
- The display flashes either 8 - 30 °C or more above the set temperature for 15 minutes, the air conditioner switches to heating mode.
- The display flashes either 8 - 30 °C or more below the set temperature for 15 minutes, the air conditioner switches to cooling mode.

5.4. Fan speed setting
- Press the Fan Speed button ② as many times as necessary while the system is running.
- Each press changes the force. The currently selected speed is shown at ①.
- The change sequence, and the available settings, are as follows.

5.5. Airflow direction setting [For SLZ]
- With the unit running, press the Airflow Up/Down button ① as necessary.
  - Each press changes the direction. The current direction is shown at ①.
  - The change sequence, and the available settings, are as follows.
- For wireless remote controller
- For wired remote controller

Note:
- Display for the wireless remote controller are shown in parentheses.
- The number of available fan speeds depends on the type of unit connected.
- Note also that some units do not provide an “Auto” setting.
- In the following cases, the actual fan speed generated by the unit will differ from the speed shown on the remote controller display.
  1. While the display is showing “STAND BY” or “DEFROST”.
  2. When the temperature of the heat exchanger is low in the heating mode.
  3. In HEAT mode, when room temperature is higher than the temperature setting.
  4. When the unit is in DRY mode.

Note:
- Available directions do not change in sync with the directional vanes on the unit.
- Some models do not support directional settings.
5. Operation

5.6. Ventilation

5.6.1. Weekly Timer

6. Timer

6.1. For Wired Remote-controller

6.1.1. Weekly Timer

6.2. For Wireless Remote-controller

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**Setup Matrix**

<table>
<thead>
<tr>
<th>No.</th>
<th>Sunday</th>
<th>Monday</th>
<th></th>
<th>Saturday</th>
</tr>
</thead>
<tbody>
<tr>
<td>No. 1</td>
<td>9:00 OFF</td>
<td>9:00 OFF</td>
<td>9:00 OFF</td>
<td>9:00 OFF</td>
</tr>
<tr>
<td>No. 2</td>
<td>9:00 OFF</td>
<td>9:00 OFF</td>
<td>9:00 OFF</td>
<td>9:00 OFF</td>
</tr>
</tbody>
</table>

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**Setup Matrix for every day**

- Operation 1 settings for Sunday/Start the air conditioner at 9:00, with the temperature set to 23°C
- Operation 1 settings for every day/Turn off the air conditioner at 10:00

---

**Note:**

- By setting the day to "Sun Mon Tues Wed Thurs Fri Sat"; you can set the same operation to be carried out at the same time every day.
- (Example: Operation 2 above, which is the same for all days of the week.)

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**Operation No.**

- Day Setting

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**<How to Set the Weekly Timer>**

1. Be sure that you are at a standard control screen, and that the weekly timer indicator (1) is shown in the display.
2. Press the Timer Menu button (2), so that the "Set Up" appears on the screen (at [0]).
3. Press the Timer On/Off (Set Day) button (3) to set the day.
4. Press the appropriate Operation button (6) or (8) as necessary to select the appropriate operation number (1 to 8) (4).
5. Your inputs at Steps 3 and 4 will select one of the cells from the matrix illustrated below.

---

**<To Change the Right/Left Air Direction>**

- To run the ventilator independently:
  - Press the Mode button (1) until "High" appears on the display. This will cause the ventilator to start.
- To change the ventilator force:
  - Press the Ventilation button (1) as necessary.

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**<Setting the Weekly Timer>**

- Each press of the button switches the setting as follows.

---

**<Operation 1 settings for Sunday>**

- Start the air conditioner at 8:30, with the temperature set to 23°C.

---

**<Operation 2 settings for every day>**

- Turn off the air conditioner at 10:00.

---

**<Operation 1 settings for every day>**

- Turn off the air conditioner at 10:00.
6. Timer

7. Press the appropriate Set Temperature button (i) to set the desired temperature (at [3]).
   • Each press changes the setting, in the following sequence: No display (no setting) ⇔ 24 ⇔ 25 ⇔ ⋯ ⇔ 29 ⇔ 30 ⇔ 12 ⇔ ⋯ ⇔ 23 ⇔ No display.
   (Available range: The range for the setting is 12 °C to 30 °C. The actual range over which the temperature can be controlled, however, will vary according to the type of the connected unit.)

8. After making the appropriate settings at Steps 5, 6 and 7, press the Filter button (i) to lock in the values.
   To clear the currently set values for the selected operation, press and quickly release the Check (Clear) button (i) once.
   • The displayed time setting will change to "— — —", and the On/Off and temperature settings will all disappear.
   (To clear all weekly timer settings at once, hold down the Check (Clear) button (i) for two seconds or more. The display will begin flashing, indicating that all settings have been cleared.)

   Note:
   Your new entries will be cancelled if you press the Mode (Return) button (i) before pressing the Filter (b) button (i).
   If you have set two or more different operations for exactly the same time, only the operation with the highest Operation No. will be carried out.

9. Repeat Steps 3 to 8 as necessary to fill as many of the available cells as you wish.

10. Press the mode (Return) button (i) to return to the standard control screen and complete the setting procedure.

11. To activate the timer, press the Timer On/Off button (i), so that the "Timer Off" indication disappears from the screen. Be sure that the "Timer Off" indication is no longer displayed.
   • If there are no timer settings, the "Timer Off" indication will flash on the screen.

<How to View the Weekly Timer Settings>

1. Be sure that the weekly timer indicator is visible on the screen (at [3]).

2. Press the Timer Menu button (i) so that "Monitor" is indicated on the screen (at [3]).

3. Press the Timer On/Off (Set Day) button (i) as necessary to select the day you wish to view.

4. Press the ▲ or ▼ Operation button (i) or (i) as necessary to change the timer operation shown on the display (at [3]).
   • Each press will advance to the next timer operation, in order of time setting.

5. To close the monitor and return to the standard control screen, press the Mode (Return) button (i).

<How to Set the Simple Timer>

1. Be sure that you are at a standard control screen, and that the simple timer indicator is visible in the display (at [3]).

When something other than the Simple Timer is displayed, set it to SIMPLE TIMER using the function selection of remote controller (see 8.4-3 (i) timer function setting).

2. Press the Timer Menu button (i), so that the "Set Up" appears on the screen (at [3]). (Note that each press of the button toggles the display between "Set Up" and "Monitor".)

3. Press the ON/OFF button (i) to display the current ON or OFF simple timer setting. Press the button once to display the time remaining to ON, and then again to display the time remaining to OFF. (The ON/OFF indication appears at [3].)
   • "ON" timer:
     The air conditioner will start operation when the specified number of hours has elapsed.
   • "OFF" timer:
     The air conditioner will stop operation when the specified number of hours has elapsed.

4. With "ON" or "OFF" showing at [3]: Press the appropriate Set Time button (i) as necessary to set the hours to ON (if "ON" is displayed) or the hours to OFF (if "OFF" is displayed) at [3].
   • Available Range: 1 to 72 hours

5. To set both the ON and OFF times, repeat Steps 3 and 4.

   Note that ON and OFF times cannot be set to the same value.

6. To clear the current ON or OFF setting: Display the ON or OFF setting (see step 3) and then press the Check (Clear) button (i) so that the time setting clears to "— — —" at [3]. (If you want to use only an ON setting or only an OFF setting, be sure that the setting you do not wish to use is shown as "— — —").
6. Timer

7. After completing steps 3 to 6 above, press the Filter button to lock in the value.

Note:
Your new settings will be cancelled if you press the Mode (Return) button before pressing the Filter button.

8. Press the Mode (Return) button to return to the standard control screen.

9. Press the Timer On/Off button to start the timer countdown. When the timer is running, the timer value is visible on the display. Be sure that the timer value is visible and appropriate.

Example 1:
If the ON or OFF simple timer is running, the current timer value will appear at 5:00.

If ON and OFF simple timers have both been set, the two values appear alternately.

3. Press the Mode (Return) button to close the monitor display and return to the standard control screen.

4. Press the Filter button to set it to lock in the setting.

5. Press the Mode (Return) button to return to the standard control screen.

6. If the air conditioner is already running, the timer starts countdown immediately. Be sure to check that the timer setting appears correctly on the display.

Example 2:
Start the timer, with OFF time is sooner than ON time

ON Setting: 5 hours
OFF Setting: 2 hours

At Timer Start Display shows the timer’s ON setting (hours remaining to ON).

At 2 hours after timer start Display changes to show the timer’s OFF setting (hours remaining to OFF).

At 5 hours after timer start The air conditioner comes on, and will continue to run until someone turns it off.

6.1.3. Auto Off Timer
This timer begins countdown when the air conditioner starts, and shuts the air conditioner off when the set time has elapsed.

Available settings run from 30 minutes to 4 hours, in 30-minute intervals. Note:
*1. Weekly Timer/Simple Timer/Auto Off Timer cannot be used at the same time.
*2. The Auto Off timer will not operate when any of the following conditions is in effect.
- The timer is off; the system is in malfunction state; a test run is in progress; the remote controller is undergoing self-check or remote controller check; the user is in the process of selecting a function; the user is in the process of setting the timer; the system is under central control. (Under these conditions, On/Off operation is prohibited.)
6. Timer

<Checking the Current Auto Off Timer Setting>

1. Be sure that the “Auto Off” is visible on the screen (at 1).
2. Hold down the Timer Menu button B for 3 seconds, so that “Monitor” is indicated on the screen (at 2).
• The timer remaining to shutdown appears at 3.
3. To close the monitor and return to the standard control screen, press the Mode (Return) button 2.

<To Turn Off the Auto Off Timer...>

Hold down the Timer On/Off button 9 for 3 seconds, so that “Timer Off” appears (at 6) and the timer value (at 7) disappears.

Alternatively, turn off the air conditioner itself. The timer value (at 7) will disappear from the screen.

<To Turn On the Auto Off Timer...>

Hold down the Timer On/Off button 9 for 3 seconds. The “Timer Off” indication disappears (at 6), and the timer setting comes on the display (at 7).

Alternatively, turn on the air conditioner. The timer value will appear at 7.

6.2. For wireless remote controller

It is convenient to set the timer when you go to bed, when you get home, when you get up, etc.

1. Select the timer mode by pressing the SELECT button during operation.
2. Each time this button is pressed, the timer mode is changed in sequence:
   - (OFF TIMER)
   - (ON TIMER)
   - TIMER RELEASE
3. Set the time of the timer using the TIME button.
4. Each time this button is pressed, the set time increases by 1 hour to 12 hours.

To release the timer:
• Press the SELECT button until (OFF TIMER) and (ON TIMER) are not displayed.

Note:
The OFF TIMER and the ON TIMER cannot be set at the same time.

7. Other Functions

7.1. Locking the Remote Controller Buttons (Operation function limit controller)

If you wish, you can lock the remote controller buttons. You can use the Function Selection of remote controller to select which type of lock to use. (For information about selecting the lock type, see section 8, item [4]–2 [1].)

Specifically, you can use either of the following two lock types.

1. Lock All Buttons:
   - Locks all of the buttons on the remote controller.
2. Lock All Except ON/OFF:
   - Locks all buttons other than the ON/OFF button.

Note:
The “Locked” indicator appears on the screen to indicate that buttons are currently locked.

1. While holding down the Filter button 4, press and hold down the ON/OFF button 1 for 2 seconds. The “Locked” indication appears on the screen (at 1), indicating that the lock is now engaged.

   • If locking has been disabled in Function Selection of remote controller, the screen will display the “Not Available” message when you press the buttons as described above.

   • If you press a locked button, the “Locked” indication (at 1) will blink on the display.

   <How to Unlock the Buttons>

1. While holding down the Filter button 4, press and hold down the ON/OFF button 1 for 2 seconds—so that the “Locked” indication disappears from the screen (at 1).
7. Other Functions

7.2. Other indications

7.2.1. Centrally Controlled

- Displayed when operation is controlled by central controller, etc.
  - Restricted operations are shown below.
  - ON/OFF (including timer operation)
  - Operation mode
  - Set temperature

Note:
May also be individually restricted.

7.2.2. Flashing Mode Indicator

- When flashes continuously
  - Displayed when another indoor unit connected to the outdoor unit is already operating in a different operation mode.
  - Match with the operation mode of the other indoor unit.

- When mode switched after display flashes
  - Displayed when operation mode is restricted for each season by central controller, etc.
  - Use another operation mode.

7.2.3. Error Codes indication

If you have entered contact number to be called in the event of a problem, the screen displays this number. (You can set this up under Function Selection of remote controller. For information, refer to section 8.)

- If the ON lamp and error code are both flashing: This means that the air conditioner is out of order and operation has been stopped (and cannot resume). Take note of the indicated unit number and error code, then switch off the power to the air conditioner and call your dealer or servicer.
- If only the error code is flashing (while the ON lamp remains lit): Operation is continuing, but there may be a problem with the system. In this case, you should note down the error code and then call your dealer or servicer for advice.
  - If you have entered contact number to be called in the event of a problem, push the Check button to display it on the screen. (You can set this up under Function Selection of remote controller. For information, refer to section 8.)

8. Function Selection

Function selection of remote controller

The setting of the following remote controller functions can be changed using the remote controller function selection mode. Change the setting when needed.

<table>
<thead>
<tr>
<th>Item 1</th>
<th>Item 2</th>
<th>Item 3 (Setting content)</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Change Language (&quot;CHANGE LANGUAGE&quot;)</td>
<td>Language setting to display</td>
<td>Display in multiple languages is possible</td>
</tr>
<tr>
<td>2. Function limit (&quot;FUNCTION SELECTION&quot;)</td>
<td>(1) Operation function limit setting (operation lock) (&quot;LOCKING FUNCTION&quot;)</td>
<td>Setting the range of operation limit (operation lock)</td>
</tr>
<tr>
<td></td>
<td>(2) Use of automatic mode setting (&quot;SELECT AUTO MODE&quot;)</td>
<td>Setting the use or non-use of &quot;automatic&quot; operation mode</td>
</tr>
<tr>
<td></td>
<td>(3) Temperature range limit setting (&quot;LIMIT TEMP FUNCTION&quot;)</td>
<td>Setting the temperature adjustable range (maximum, minimum)</td>
</tr>
</tbody>
</table>
| 3. Mode selection ("MODE SELECTION") | (1) Remote controller main/sub setting ("CONTROLLER MAIN/ SUB") | Selecting main or sub controller
  * When two remote controllers are connected to one group, one controller must be set to sub. |
| | (2) Use of clock setting ("CLOCK") | Setting the use or non-use of clock function |
| | (3) Timer function setting ("WEEKLY TIMER") | Setting the timer type |
| | (4) Contact number setting for error situation ("CALL.") | Contact number display in case of error
  - Setting the telephone number |
| 4. Display change ("DISP MODE SETTING") | (1) Temperature display "C"/"F setting ("TEMP MODE C"/"F") | Setting the temperature unit ("C" or "F") to display |
| | (2) Suction air temperature display setting ("ROOM TEMP DISP SELECT") | Setting the use or non-use of the display of indoor (suction) air temperature |
| | (3) Automatic cooling/heating display setting ("AUTO MODE DISP C/H") | Setting the use or non-use of the display of "Cooling" or "Heating" display during operation with automatic mode |
8. Function Selection

[Function selection flowchart]

Setting language (English)

Remote controller function selection mode

Remote display
Display when the air condition is not running

Hold down the button and press the button for 2 seconds.
Hold down the button and press the button for 2 seconds.
Hold down the button and press the button for 2 seconds.

Item1 Item2 Dot display

Room air temperature is not displayed.
One of "Automatic cooling" and "Automatic heating" is displayed under the automatic mode is running. (Initial setting value)
Only "Automatic" is displayed under the automatic mode.

Item3

Operation lock setting is not used. (Initial setting value)
Operation lock setting is except On/Off button.
Operation lock setting is All buttons.
The automatic mode is displayed when the operation mode is selected. (Initial setting value)
The automatic mode is not displayed when the operation mode is selected.
The temperature range limit is not active. (Initial setting value)
The temperature range can be changed on cooling/dry mode.
The temperature range can be changed on heating mode.
The temperature range can be changed on automatic mode.
The remote controller will be the main controller. (Initial setting value)
The remote controller will be the sub controller.
The clock function can be used. (Initial setting value)
The clock function can not be used.
Weekly timer can be used. (Initial setting value)
Auto off timer can be used.
Simple timer can be used.
Timer mode can not be used.
The set contact numbers are not displayed in case of error. (Initial setting value)
The set contact numbers are displayed in case of error.
The temperature unit °C is used. (Initial setting value)
The temperature unit °F is used.
Room air temperature is displayed. (Initial setting value)
Room air temperature is not displayed.
One of "Automatic cooling" and "Automatic heating" is displayed under the automatic mode is running. (Initial setting value)
Only "Automatic" is displayed under the automatic mode.

Change Language

English
Spanish
Italian
French
German
Russian
Chinese
Japanese

Function selection

Display mode setting

Mode selection

Hold down the button and press the button for 2 seconds.
Press the operation mode button.
Press the TIMER MENU button.
Press the TIMER ON/OFF button.

Operation lock setting is not used. (Initial setting value)
Operation lock setting is except On/Off button.
Operation lock setting is All buttons.
The automatic mode is displayed when the operation mode is selected. (Initial setting value)
The automatic mode is not displayed when the operation mode is selected.
The temperature range limit is not active. (Initial setting value)
The temperature range can be changed on cooling/dry mode.
The temperature range can be changed on heating mode.
The temperature range can be changed on automatic mode.
The remote controller will be the main controller. (Initial setting value)
The remote controller will be the sub controller.
The clock function can be used. (Initial setting value)
The clock function can not be used.
Weekly timer can be used. (Initial setting value)
Auto off timer can be used.
Simple timer can be used.
Timer mode can not be used.
The set contact numbers are not displayed in case of error. (Initial setting value)
The set contact numbers are displayed in case of error.
The temperature unit °C is used. (Initial setting value)
The temperature unit °F is used.
Room air temperature is displayed. (Initial setting value)
Room air temperature is not displayed.
One of "Automatic cooling" and "Automatic heating" is displayed under the automatic mode is running. (Initial setting value)
Only "Automatic" is displayed under the automatic mode.
8. Function Selection

[Detailed setting]

[4]-1. CHANGE LANGUAGE setting

The language that appears on the dot display can be selected.
- Press the [MENU] button to change the language.  
  1. English (GB), 2. German (D), 3. Spanish (E), 4. Russian (RU),  

Refer to the dot display table.

[4]-2. Function limit

(1) Operation function limit setting (operation lock)

- To switch the setting, press the [ON/OFF] button.
  ①: Operation lock setting is made on all buttons other than the  
    [ON/OFF] button.
  ②: Operation lock setting is made on all buttons.

(2) OFF: (Initial setting value): Operation lock setting is not made.

- To make the operation lock setting valid on the normal screen, it is  
  necessary to press buttons (Press and hold down the [FILTER] and  
  [ON/OFF] buttons at the same time for two seconds) on the  
  normal screen after the above setting is made.

[4]-3. Temperature range limit setting

When the remote controller is connected to the unit that has automatic  
operation mode, the following settings can be made.

- To switch the setting, press the [ON/OFF] button.
  ① ON (Initial setting value): The automatic mode is displayed when the  
    operation mode is selected.
  ② OFF: The automatic mode is not displayed when the operation mode  
    is selected.

[4]-4. Display change setting

(1) Temperature display setting  °C/°F setting

- To switch the setting, press the [ON/OFF] button.
  ① °C: The temperature unit °C is used.
  ② °F: The temperature unit °F is used.

(2) Suction air temperature display setting

- To switch the setting, press the [ON/OFF] button.
  ① ON: The suction air temperature is displayed.
  ② OFF: The suction air temperature is not displayed.

(3) Automatic cooling/heating display setting

- To switch the setting, press the [ON/OFF] button.
  ① ON: One of “Automatic cooling” and “Automatic heating” is displayed  
    under the automatic mode is running.
  ② OFF: Only “Automatic” is displayed under the automatic mode.
### 8. Function Selection

**Settings:**
- **Function selection**
- **Operation function limit setting**
- **Use of automatic mode setting**
- **Temperature range limit setting**
- **Limit temperature cooling/day mode**
- **Limit temperature heating mode**
- **Limit temperature auto mode**
- **Mode selection**
- **Remote controller setting MAIN**
- **Remote controller setting SUB**
- **Use of clock setting**
- **Setting the day of the week and time**
- **Timer set**
  - **Timer monitor**
  - **Weekly timer**
  - **Timer mode on/off**
  - **Auto off timer**
  - **Simple timer**
- **Contact number setting of error situation**
- **Display change**
  - **Temperature display °C/°F setting**
  - **Room air temperature display setting**
  - **Minimum/maximum display setting**

#### Dot display table

<table>
<thead>
<tr>
<th>Function</th>
<th>English</th>
<th>German</th>
<th>Spanish</th>
<th>Russian</th>
<th>Italian</th>
<th>Chinese</th>
<th>French</th>
<th>Japanese</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cool</td>
<td>COOL</td>
<td>Kuhlen</td>
<td>COFRIO</td>
<td>COOL</td>
<td>COOL</td>
<td>COOL</td>
<td>COOL</td>
<td>KOOL</td>
</tr>
<tr>
<td>Dry</td>
<td>DRY</td>
<td>Trocken</td>
<td>CRYSTAL</td>
<td>DRY</td>
<td>DRY</td>
<td>DRY</td>
<td>DRY</td>
<td>DRY</td>
</tr>
<tr>
<td>Heat</td>
<td>HEAT</td>
<td>Wärme</td>
<td>CALEOR</td>
<td>HEAT</td>
<td>HEAT</td>
<td>HEAT</td>
<td>HEAT</td>
<td>EISKALM</td>
</tr>
<tr>
<td>Auto</td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
<td>AUTO</td>
</tr>
<tr>
<td>Auto(Cool)</td>
<td>COOL</td>
<td>Kuhlen</td>
<td>COFRIO</td>
<td>COOL</td>
<td>COOL</td>
<td>COOL</td>
<td>COOL</td>
<td>KOOL</td>
</tr>
<tr>
<td>Auto(Heat)</td>
<td>HEAT</td>
<td>Wärme</td>
<td>CALEOR</td>
<td>HEAT</td>
<td>HEAT</td>
<td>HEAT</td>
<td>HEAT</td>
<td>EISKALM</td>
</tr>
<tr>
<td>Fan</td>
<td>FAN</td>
<td>Ventil</td>
<td>VENTIL</td>
<td>VENTIL</td>
<td>VENTIL</td>
<td>VENTIL</td>
<td>VENTIL</td>
<td>VENTIL</td>
</tr>
<tr>
<td>Fire</td>
<td>FEUER</td>
<td>Brand</td>
<td>CALOR</td>
<td>FEUER</td>
<td>FEUER</td>
<td>FEUER</td>
<td>FEUER</td>
<td>FEUER</td>
</tr>
</tbody>
</table>

#### Stand by (Not adjust)
- Stand by
- Defrost
- (Hot adjust)
- Defrost

#### Set temperature
- Set TEMP
- Temp
- TERMO
- STIMMA
- Set temperature
- Temp
- STIMMA
- Set temperature
- Temp
- STIMMA

#### Fan speed
- Fan SPEED
- Turbenthal
- VENTILATION
- STIMMA
- Fan SPEED
- Turbenthal
- VENTILATION
- STIMMA

#### Not use button
- Not usable
- Not usable
- Not usable
- Not usable
- Not usable
- Not usable
- Not usable
- Not usable

#### Check (error)
- Check
- Check
- Check
- Check
- Check
- Check
- Check
- Check

#### Test run
- Test run
- Test run
- Test run
- Test run
- Test run
- Test run
- Test run
- Test run

#### Self check
- Self check
- Self check
- Self check
- Self check
- Self check
- Self check
- Self check
- Self check

#### Unit function selection
- Unit function selection
- Unit function selection
- Unit function selection
- Unit function selection
- Unit function selection
- Unit function selection
- Unit function selection
- Unit function selection

#### Setting of ventilation
- Setting of ventilation
- Setting of ventilation
- Setting of ventilation
- Setting of ventilation
- Setting of ventilation
- Setting of ventilation
- Setting of ventilation
- Setting of ventilation

When the remote controller cannot be used
When the batteries of the remote controller run out or the remote controller malfunctions, the emergency operation can be done using the emergency buttons on the grille.

- DEFROST/STAND BY lamp
- Operation lamp
- Emergency operation switch (heating)
- Emergency operation switch (cooling)
- Receiver

Starting operation
- To operate the cooling mode, press the button ③.
- To operate the heating mode, press the button ②.

Note:
- Details of emergency mode are as shown below.

Details of EMERGENCY MODE are as shown below.

<table>
<thead>
<tr>
<th>Operation mode</th>
<th>COOL</th>
<th>HEAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Set temperature</td>
<td>24°C</td>
<td>24°C</td>
</tr>
<tr>
<td>Fan speed</td>
<td>High</td>
<td>High</td>
</tr>
<tr>
<td>Airflow direction</td>
<td>Horizontal</td>
<td>Downward 4</td>
</tr>
</tbody>
</table>

Stopping operation
- To stop operation, press the button ① or the button ①.

10. Care and Cleaning

- Indicates that the filter needs cleaning.
  - Clean the filter.
- When resetting "FILTER" display
- When the [FILTER] button is pressed two times successively after cleaning the filter, the display goes off and is reset.

Note:
- When two or more different types of indoor unit are controlled, the cleaning period differs with the type of filter. When the master unit cleaning period arrives, "FILTER" is displayed. When the filter display goes off, the cumulative time is reset.
- "FILTER" indicates the cleaning period when the air conditioner was used under general indoor air conditions by criteria time. Since the degree of dirtiness depends on the environmental conditions, clean the filter accordingly.
- The filter cleaning period cumulative time differs with the model.
- This indication is not available for wireless remote controller.

Cleaning the filters
- Clean the filters using a vacuum cleaner. If you do not have a vacuum cleaner, tap the filters against a solid object to knock off dirt and dust.
- If the filters are especially dirty, wash them in lukewarm water. Take care to rinse off any detergent thoroughly and allow the filters to dry completely before putting them back into the unit.

Caution:
- Do not dry the filters in direct sunlight or by using a heat source, such as an electric heater: this may warp them.
- Do not wash the filters in hot water (above 50°C), as this may warp them.
- Make sure that the air filters are always installed. Operating the unit without air filters can cause malfunction.

Caution:
- Before you start cleaning, stop operation and turn OFF the power supply.
- Indoor units are equipped with filters to remove the dust of sucked-in air. Clean the filters using the methods shown in the following sketches.

Filter removal

Caution:
- In removing the filter, precautions must be taken to protect your eyes from dust. Also, if you have to climb up on a stool to do the job, be careful not to fall.
- When the filter is removed, do not touch the metallic parts inside the indoor unit, otherwise injury may result.

SEZ-KA-VA(L)

1. Pull the knob on the intake grille in the direction indicated by the arrow and it should open.
2. Open the intake grille.
3. Release the knob on the center edge of the intake grille and pull the filter forward to remove the filter.

SLZ-KA-VA(L)

1. Be sure to check on the location and the way of setting with the contractor when the unit perform a trial run. (Example) The air filter should be attached to the indoor unit’s air intake (rear side or bottom side of unit).
### 11. Trouble Shooting

<table>
<thead>
<tr>
<th>Having trouble?</th>
<th>Here is the solution. (Unit is operating normally.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Air conditioner does not heat or cool well.</td>
<td>- Clean the filter. (Airflow is reduced when the filter is dirty or clogged.)</td>
</tr>
<tr>
<td></td>
<td>- Check the temperature adjustment and adjust the set temperature.</td>
</tr>
<tr>
<td></td>
<td>- Make sure that there is plenty of space around the outdoor unit. Is the indoor unit air intake or outlet blocked?</td>
</tr>
<tr>
<td></td>
<td>- Has a door or window been left open?</td>
</tr>
<tr>
<td>When heating operation starts, warm air does not blow from the indoor unit</td>
<td>- Warm air does not blow until the indoor unit has sufficiently warmed up.</td>
</tr>
<tr>
<td>soon.</td>
<td>- When the outdoor temperature is low and the humidity is high, frost may form on the outdoor unit. If this occurs, the outdoor unit performs a defrosting operation. Normal operation should begin after approximately 10 minutes.</td>
</tr>
<tr>
<td>During heating mode, the air conditioner stops before the set room</td>
<td>- During cooling mode, the vanes automatically move to the horizontal (down) position after 1 hour when the down (horizontal) airflow direction is selected. This is to prevent water from forming and dripping from the vanes.</td>
</tr>
<tr>
<td>temperature is reached.</td>
<td>- During heating mode, the vanes automatically move to the horizontal airflow direction when the airflow temperature is low or during defrosting mode.</td>
</tr>
<tr>
<td>Airflow direction changes during operation or airflow direction cannot be</td>
<td>- These sounds can be heard when parts rub against each due to expansion and contraction from temperature changes.</td>
</tr>
<tr>
<td>set.</td>
<td>- The indoor unit draws in air that contains gases produced from the walls, carpeting, and furniture as well as odors trapped in clothing, and then blows this air back into the room.</td>
</tr>
<tr>
<td>When the airflow direction is changed, the vanes always move up and down</td>
<td>- These sounds can be heard when refrigerant is flowing in the air conditioner or when the refrigerant flow is changing.</td>
</tr>
<tr>
<td>past the set position before finally stopping at the position.</td>
<td>- If the indoor temperature and the humidity are high, this condition may occur when operation starts.</td>
</tr>
<tr>
<td></td>
<td>- During defrosting mode, cool airflow may blow down and appear like a mist.</td>
</tr>
<tr>
<td>A cracking or creaking sound is heard.</td>
<td>- During cooling mode, water may form and drip from the cool pipes and joints.</td>
</tr>
<tr>
<td></td>
<td>- During heating mode, water may form and drip from the heat exchanger.</td>
</tr>
<tr>
<td></td>
<td>- During defrosting mode, water on the heat exchanger evaporates and water vapor may be emitted.</td>
</tr>
<tr>
<td>The room has an unpleasant odor.</td>
<td>- Water or vapor is emitted from the outdoor unit.</td>
</tr>
<tr>
<td></td>
<td>- During defrosting mode, cool airflow may blow down and appear like a mist.</td>
</tr>
<tr>
<td></td>
<td>- These sounds can be heard when refrigerant is flowing in the air conditioner or when the refrigerant flow is changing.</td>
</tr>
<tr>
<td>A white mist or vapor is emitted from the indoor unit.</td>
<td>- During defrosting mode, cool airflow may blow down and appear like a mist.</td>
</tr>
<tr>
<td></td>
<td>- If the indoor temperature and the humidity are high, this condition may occur when operation starts.</td>
</tr>
<tr>
<td></td>
<td>- During defrosting mode, cool airflow may blow down and appear like a mist.</td>
</tr>
<tr>
<td>Water or vapor is emitted from the outdoor unit.</td>
<td>- The indoor unit draws in air that contains gases produced from the walls, carpeting, and furniture as well as odors trapped in clothing, and then blows this air back into the room.</td>
</tr>
<tr>
<td></td>
<td>- These sounds can be heard when parts rub against each due to expansion and contraction from temperature changes.</td>
</tr>
<tr>
<td>The operation indicator does not appear in the remote controller display.</td>
<td>- Turn on the power switch. “I” will appear in the remote controller display.</td>
</tr>
<tr>
<td>“I” appears in the remote controller display.</td>
<td>- During central control, “I” appears in the remote controller display and air conditioner operation cannot be started or stopped using the remote controller.</td>
</tr>
<tr>
<td>When restarting the air conditioner soon after stopping it, it does not</td>
<td>- Wait approximately 3 minutes. (Operation has stopped to protect the air conditioner.)</td>
</tr>
<tr>
<td>operate even though the ON/OFF button is pressed.</td>
<td>- Air conditioner stops without the ON/OFF button being pressed.</td>
</tr>
<tr>
<td></td>
<td>- Is the off timer set? Press the ON/OFF button to stop operation.</td>
</tr>
<tr>
<td></td>
<td>- Is the air conditioner connected to a central remote controller? Consult the concerned people who control the air conditioner.</td>
</tr>
<tr>
<td></td>
<td>- Does “I” appear in the remote controller display?</td>
</tr>
<tr>
<td></td>
<td>- Consult the concerned people who control the air conditioner.</td>
</tr>
<tr>
<td></td>
<td>- Has the auto recovery feature from power failures been set? Press the ON/OFF button to stop operation.</td>
</tr>
<tr>
<td>Air conditioner operates without the ON/OFF button being pressed.</td>
<td>- Remote controller timer operation cannot be set.</td>
</tr>
<tr>
<td></td>
<td>- Are timer settings invalid? If the timer can be set, “WEEKLY”, “SIMPLE”, or “AUTO OFF” appears in the remote controller display.</td>
</tr>
<tr>
<td></td>
<td>- The initial settings are being performed. Wait approximately 3 minutes.</td>
</tr>
<tr>
<td>“PLEASE WAIT” appears in the remote controller display.</td>
<td>- An error code appears in the remote controller display.</td>
</tr>
<tr>
<td></td>
<td>- The protection devices have operated to protect the air conditioner.</td>
</tr>
<tr>
<td></td>
<td>- Do not attempt to repair this equipment by yourself.</td>
</tr>
<tr>
<td></td>
<td>- Turn off the power switch immediately and consult your dealer. Be sure to provide the dealer with the model name and information that appeared in the remote controller display.</td>
</tr>
<tr>
<td>An error code appears in the remote controller display.</td>
<td>- Draining water or motor rotation sound is heard.</td>
</tr>
<tr>
<td></td>
<td>- When cooling operation stops, the drain pump operates and then stops. Wait approximately 3 minutes.</td>
</tr>
</tbody>
</table>
11. Trouble Shooting

<table>
<thead>
<tr>
<th>Having trouble?</th>
<th>Here is the solution. (Unit is operating normally.)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Noise is louder than specifications.</td>
<td>• The indoor operation sound level is affected by the acoustics of the particular room as shown in the following table and will be higher than the noise specification, which was measured in an echo-free room.</td>
</tr>
<tr>
<td>• The indoor operation sound level is affected by the acoustics of the particular room as shown in the following table and will be higher than the noise specification, which was measured in an echo-free room.</td>
<td></td>
</tr>
<tr>
<td>Location examples</td>
<td>High sound-absorbing rooms</td>
</tr>
<tr>
<td>examples</td>
<td>Broadcasting studio, music room, etc.</td>
</tr>
<tr>
<td>Noise levels</td>
<td>3 to 7 dB</td>
</tr>
<tr>
<td>Nothing appears in the wireless remote controller display, the display is faint, or signals are not received by the indoor unit unless the remote controller is close.</td>
<td>• The batteries are low. Replace the batteries and press the Reset button.</td>
</tr>
<tr>
<td>• The batteries are low. Replace the batteries and press the Reset button.</td>
<td>• If nothing appears even after the batteries are replaced, make sure that the batteries are installed in the correct directions (+, –).</td>
</tr>
<tr>
<td>The operation lamp near the receiver for the wireless remote controller on the indoor unit is flashing.</td>
<td>• The self diagnosis function has operated to protect the air conditioner. Do not attempt to repair this equipment by yourself. Turn off the power switch immediately and consult your dealer. Be sure to provide the dealer with the model name.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Location examples</th>
<th>Noise levels</th>
</tr>
</thead>
<tbody>
<tr>
<td>High sound-absorbing rooms</td>
<td>3 to 7 dB</td>
</tr>
<tr>
<td>Normal rooms</td>
<td>6 to 10 dB</td>
</tr>
<tr>
<td>Low sound-absorbing rooms</td>
<td>9 to 13 dB</td>
</tr>
</tbody>
</table>

12. Installation, relocation and inspection

Installation place
Avoid installing the air conditioner in the following places.
• Where flammable gas could leak.

**Caution:**
Do not install the unit where flammable gas could leak.
If gas leaks and collects around the unit, it may cause an explosion.
• Where there is much machine oil.
• Salty place such as the seaside.
• Where sulfide gas is generated such as a hot spring.
• Where there is oil splashing or much oily smoke.

**Warning:**
If the air conditioner operates but does not cool or heat (depending on model) the room, consult your dealer since there may be a refrigerant leak. Be sure to ask the service representative whether there is refrigerant leakage or not when repairs are carried out.
The refrigerant charged in the air conditioner is safe. Refrigerant normally does not leak, however, if refrigerant gas leaks indoors, and comes into contact with the fire of a fan heater, space heater, stove, etc., harmful substances will be generated.

Electrical work
• Provide an exclusive circuit for power supply of the air conditioner.
• Be sure to observe the breaker capacity.

**Warning:**
• The customer should not install this unit. If the unit is installed incorrectly, fire, electric shock, injury due to a falling unit, water leakage, etc. may result.
• Do not connect using branched outlet or an extension cord, and do not attach many loads to one electric outlet.
A fire or electric shock may result from poor contact, poor insulation, exceeding the permissible current, etc. Consult your dealer.

**Caution:**
• Apply grounding
Do not connect a grounding wire to a gas pipe, water pipe, lightning rod or ground wire of a telephone.
If a grounding is incorrect, it may cause an electric shock.
• Install an earth leakage breaker depending on the place where the air conditioner is to be installed (humid place, etc.). If the earth leakage breaker is not installed, it may cause an electric shock.

Inspection and maintenance
• When the air conditioner is used for several seasons, the capacity may be lowered due to dirt inside the unit.
• Depending upon the conditions of use, an odor may be generated or dirt, dust, etc. may prevent proper drainage.
• It is recommended to apply inspection and maintenance (charged) by a specialist in addition to normal maintenance. Consult your dealer.
This product is designed and intended for use in the residential, commercial and light-industrial environment.

The product at hand is based on the following EU regulations:

- Low Voltage Directive 73/23/EEC

Please be sure to put the contact address/telephone number on this manual before handing it to the customer.