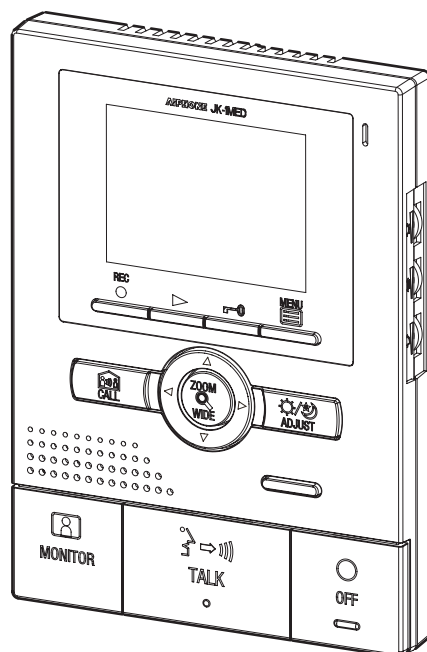




JK-1MED

HANDS FREE COLOR VIDEO INTERCOM MASTER MONITOR STATION
INTERPHONE VIDEO COULEUR MAINS LIBRES MONITEUR MAÎTRE
HANDENVRIJE KLEURENVIDEOFONIE MONITOR-HOOFDPOST



JK-1MED

Master monitor station
 Moniteur maître
 Monitor-hoofdpost

INSTALLATION & OPERATION MANUAL
 MANUEL D'INSTALLATION ET D'UTILISATION
 INSTALLATIE- EN GEBRUIKSHANDLEIDING

8 OPERATIONS

8-1 Answering a door call (HANDS-FREE mode, PTT mode)

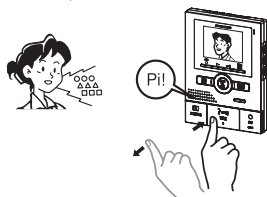
- 1 Press CALL button.



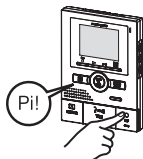
- 2 Chime tone sounds, caller is seen on video monitor, and outside sound is heard.
 - Audio and video turns off after approximately 45 seconds if not answered.



- 3 Press $\frac{3}{4}$ TALK button momentarily, and after the beep, communicate hands free. Transmit LED (red) lights when you talk, and goes off as you listen to caller (or hear outside sounds).



- 4 After finishing communication, pressing OFF button and communication will end after the beep.



NOTES: 1. Communication (video) ends automatically according to the set communication time. (Refer to section 7-6)
2. The Transmit LED will light up and go out, but this is not a malfunction.

- ⚠ 1. The screen display will switch automatically according to the picture recording settings (section 7-10).
- ⚠ 2. Even if the screen display changes, $\frac{ZOOM}{WIDE}$ button (section 8-5) can be used to change the display.
- ⚠ 3. When $\frac{3}{4}$ TALK button is pressed momentarily and communication starts, the screen display will be held as is regardless of the picture recording settings.

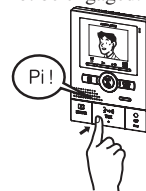
Instant voice call function

- 2 Even without answering, door area can be seen and heard with video and audio (for approximately 45 seconds). Inside sound is not heard outside.

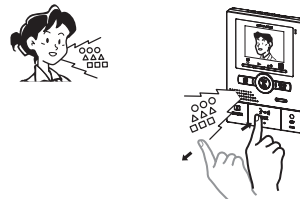


PTT mode

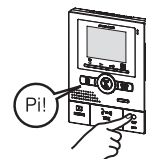
- 3 Press and hold $\frac{3}{4}$ TALK button for at least 1 second. A beep sounds, and after approximately 1 second another beep sounds, which indicates PTT mode is engaged. If $\frac{3}{4}$ TALK button is pressed briefly (less than 0.5 seconds), PTT mode will not be engaged.



- 4 When communicating, keep $\frac{3}{4}$ TALK button pressed. To hear the caller's voice, release $\frac{3}{4}$ TALK button.



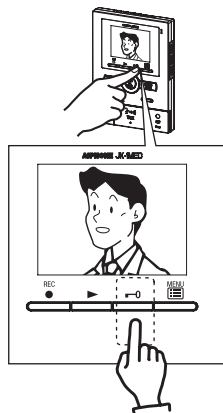
- 5 After finishing communication, press OFF button and communication will end after the beep.



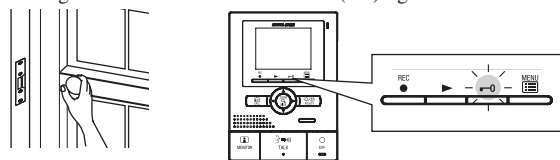
NOTES: When press-to-talk is disabled, PTT mode cannot be used.

8-2 Activating door release

- 1 Press $\frac{DOOR}{RELEASE}$ button.

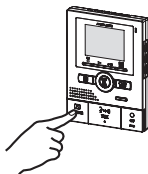



- 2 Open door while the release mechanism is activated. During release: The door release LED (red) lights.



8-3 Entrance monitoring

- 1 Press  MONITOR button in the standby mode.







- 2 The video monitor displays the image from the door station and the incoming audio is heard.
If you do not press  TALK button, the caller will not hear sounds from the inside station.




- 3 Press  OFF button to end communication.

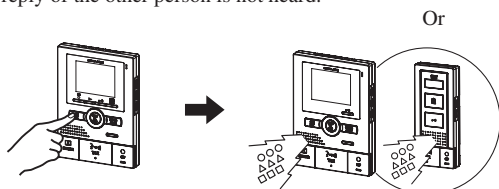



NOTES: 1. To talk to the visitor during entrance monitoring, momentarily press  TALK button. This allows communication with the entrance.
2. The entrance monitoring turns off automatically after approximately 1 minute. To monitor the entrance again, repeat from the beginning.
3. During entrance monitoring, the entrance monitoring time can be extended by approximately 1 min. by pressing  MONITOR button again.
4. During entrance monitoring, the display uses a wide picture display. If the  ZOOM/WIDE button is pressed, the display changes to the zoom picture.
5. At night, the Illuminator LED will not light up until  TALK button is pressed.
6. If another inside unit attempts to perform entrance monitoring while one inside unit is already doing so, a warning beeping sound will occur.

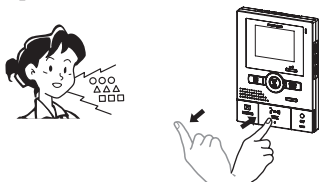
8-4 Room-to-room communication

- 1 Press  CALL button to talk with the other person.

- A call-in is sent to the sub master station.
- The reply of the other person is not heard.





- 2 If the other person presses  TALK button, hands free communication is possible.




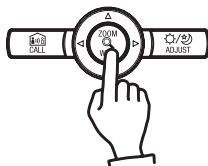
- 3 Press and release  OFF button to end communication.



NOTES: 1. Room-to-room communication ends automatically after approximately 10 minutes.
To perform room-to-room communication again, repeat from the beginning.
2. If a call is received from the entrance during room-to-room communication, the image from the entrance is displayed at the monitor station and sub monitor station where communication is taking place. Press  OFF button to end the room-to-room communication, and press  TALK button to switch to communication with the door station.

8-5 WIDE/ZOOM switching

- 1 Press  ZOOM/WIDE button when a picture is displayed.
- Switching between wide ⇄ zoom occurs each time the button is pressed.



[Wide picture]



[Zoom picture]

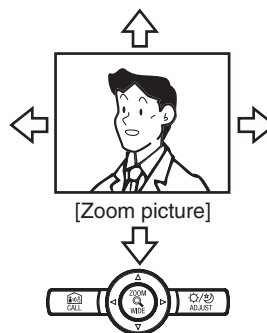
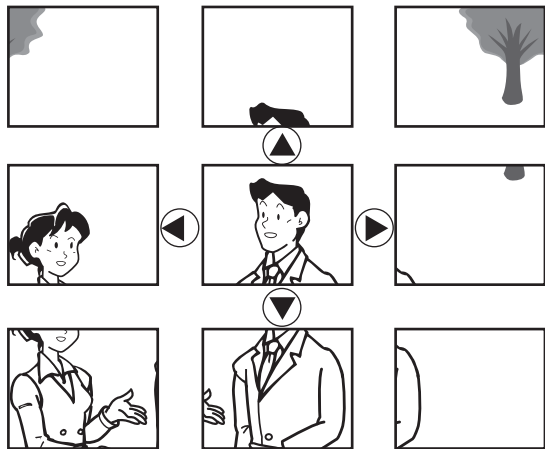
NOTES: 1. When the caller is not shown in the center of the picture, the zoom picture can be moved up, down, left, and right. (Refer to section 8-6)
2. When the display changes from the wide picture to the zoom picture, the zoom picture starts at the pre-set (section 8-7) position.

⚠ The wide picture may be distorted in comparison with the zoom picture due to the characteristics of the door station camera, but this is not a malfunction.

8-6 Pan/tilt operation

1 When a zoom picture is displayed, press ▲, ▼, ◀, or ▶ button.

- [▲] : Up
- [▼] : Down
- [◀] : Left
- [▶] : Right
- Moving diagonally is also possible.



⚠ The image range of the zoom picture and wide picture differs. The edges of the wide picture do not display with the zoom picture.

8-7 Zoom Picture Pre-set

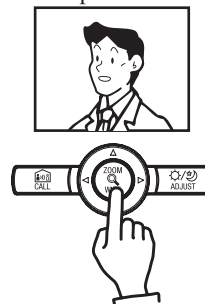
The picture can be set to display using a set zoom picture position for when a call is received from the door station. When switching from the wide picture to the zoom picture, the zoom picture displays starting from the pre-set position.

1 When a zoom picture is displayed, press ▲, ▼, ◀, or ▶ button. (Ex. Pressing ▲ button moves the picture up.)

- While viewing the picture, set the desired picture position.

2 Press **ZOOM/WIDE** button (for at least 2 seconds).

- A beep will sound and the position setting will be completed.



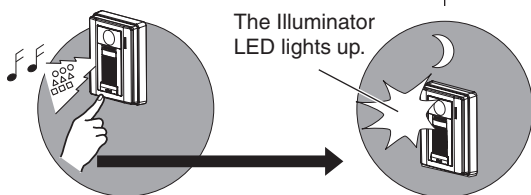
NOTES: 1. To change the zoom picture position that has been set, perform the zoom position setting again. The previous setting will be overwritten.
2. The zoom picture position set with the master monitor station will also be displayed at the sub monitor station.

8-8 Night illumination

At night, the door station Illuminator LED lights up during calling or communication.

8-8-1 When a call is made from the door station

1 If CALL button of door station is pressed



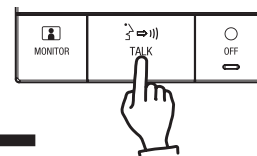
2 When communication ends, the illuminator LED will go out.

8-8-2 Light up the Illuminator LED during entrance monitoring

1 When **TALK** button is pressed during entrance monitoring, communication starts and the Illuminator LED will light up.

- Inside sound can be heard at the entrance.

⚠ Communication starts at this time, so be aware that inside sound can be heard at the entrance.




2 When communication ends, the illuminator LED will go out.


NOTES: Distinguishing between day and night is automatically done by the door station.

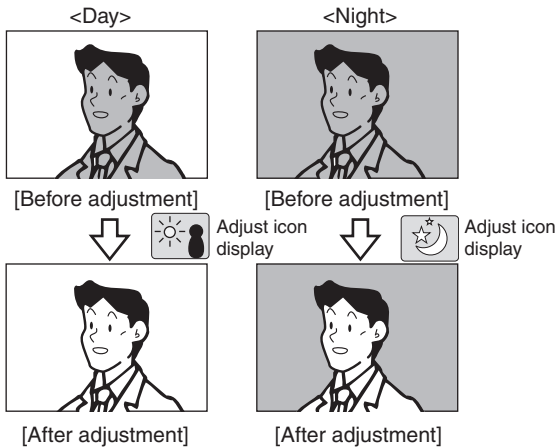
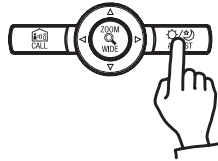
8-9 Backlight adjustment, Night sensitivity adjustment

To perform adjustment


- 1 Press  ADJUST button when the image is difficult to see.
 - Automatic adjustment to a more visible screen is performed. The adjust icon displays at this time.


 : Adjust icon (day)

 : Adjust icon (night)




To cancel adjustment


- 1 Press  ADJUST button during adjustment.
 - The adjust icon will disappear and the screen returns to the pre-adjustment screen

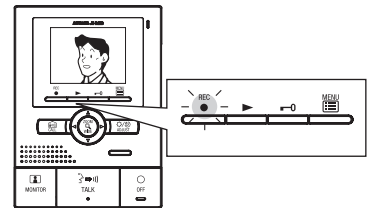
NOTES: 1. Distinguishing between day and night is automatically done by the door station.
2. Pressing  ADJUST button at night makes the caller's face easier to see, but moving subjects may be more difficult to see.

8-10 Automatic recording

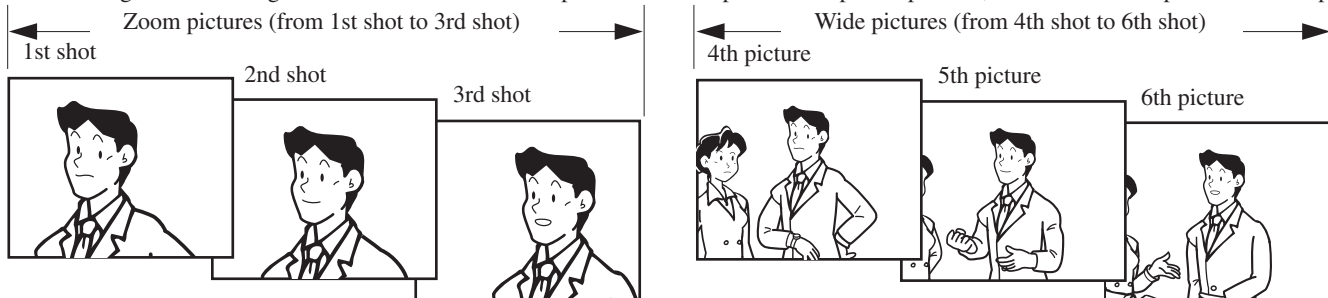
If a call is received from a video door station, the unit starts recording automatically. The record LED (red) flashes during recording.

- Recording starts approximately 2 seconds after  CALL button of video door station is pressed. A maximum length of approximately 6 seconds (6 shots) can be recorded, with 1 picture and 1 shot for each second.
- A maximum of 40 images can be recorded (combined total of automatic recording and manual recording images). If 40 images are exceeded, images are overwritten starting from the image with the oldest recording date.

NOTES: 1. The automatic recording function cannot be cancelled.
2. The recorded pictures are recorded using the method (section 7-10) that has been set. However, if switching between zoom and wide is performed during automatic recording, the displayed image will be recorded.
3. The picture during entrance monitoring is not automatically recorded. If you wish to record this screen, press  REC button.

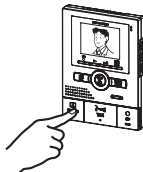


The initial setting is for recording to be done with the first three pictures as zoom pictures at a pre-set position, and the next three pictures as wide pictures.

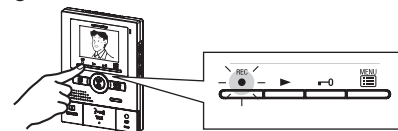


8-11 Manual recording

- 1 Display a video image with an operation such as entrance monitoring.



- 2 Press  REC button (). The record LED (red) flashes (6 times) and recording starts.

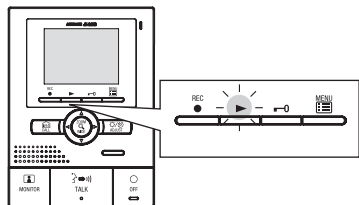


NOTES: 1. Manual recording is not possible during automatic recording (for approximately 7 seconds after receiving a call from the door station).
2. After the end of automatic recording (approx. 7 seconds after receiving a call from the door station), recording of another image in addition to the automatically recorded image can be performed.
3. When manual recording, the displayed image is recorded.

- A maximum length of approximately 6 seconds (6 shots) can be recorded, with 1 image and 1 shot for each second.
- A maximum of 40 images can be recorded (combined total of automatic recording and manual recording images). When 40 images are exceeded, new images overwrite old images starting from the oldest recorded date.

8-12 Play recorded picture

If there are automatically recorded pictures, such as those taken while you were out, the play LED (red) flashes.



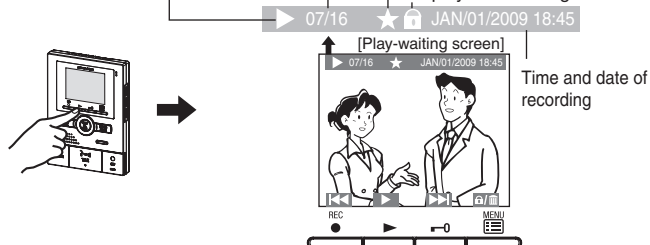
- 1 Press **▶ PLAY** button in standby mode to display the picture with the most recent date. * displays on the screen when there are no recorded pictures.

The operation status displays.

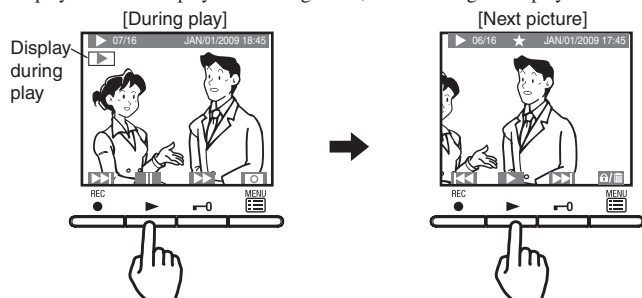
Sequence number of image currently being displayed/total recorded images

Displayed when image is unread.

Displays when image is saved.



- 2 Press **▶ PLAY** button () on the play-waiting screen. The recorded image is played. When the play of one image ends, the next image is displayed.



- 3 To advance the play screen frame-by-frame, press **▶ PLAY** button () during playback to pause. The play moves forward frame-by-frame each time **DOOR RELEASE** button () is pressed. When the frames of one image end, the next picture is displayed.

- 4 Press **OFF** button to end.

* In the manual, screen icons and button icons are explained together.

* In addition, the operations shown below are also possible in the play screen.

- **REC** button ():
To display the previous (more recent date) picture. When the button is pressed for 1 second or more, during the time that the button is pressed the first picture only of the dates can be checked in succession, from older to more recent dates. (If **REC** button is pressed while the picture with the most recent date is displayed, the picture with the oldest date will display.)
- **DOOR RELEASE** button ():
To display the next (older date) picture. When the button is pressed for 1 second or more, during the time that the button is pressed the first picture only of the dates can be checked in succession, in the direction of the older dates.
- **MENU** button ():
To save or erase an image. (Refer to sections 8-13 and 8-14)

1. When there are multiple unread images, all images enter the "read" condition even if only one image is played, and the play LED goes off.
2. The recorded pictures are displayed in order based on the date set during recording.

* The operations shown below are possible during play.

- **MENU** button ():
The pictographic display on the screen can be erased.
- **▶ PLAY** button ():
To pause play.
- **DOOR RELEASE** button ():
To display the picture with the next oldest date after fast forward playing.

* In addition, the operations shown below are also possible during pause.

- **REC** button ():
The play is reversed frame by frame each time the button is pressed. When the frames of one image end, the unit returns to the play-waiting screen.
- **▶ PLAY** button ():
To return to the play screen.
- **MENU** button ():
Pressing the button displays the picture with the next oldest date in the play-waiting screen.

NOTES: 1. If there are no operations for at least approximately 1 minute, it will end automatically.
2. If a call is received from a door station during play, the chime tone sounds and the play is forcibly ended.

8-13 Save recorded picture

10 images can be saved from the recorded images (maximum of 40 images). Saved pictures are not overwritten.

- 1 Display the picture that you want to save in the play-waiting screen. (Refer to section 8-12)

Press **MENU** button () to display the save/erase selection screen.



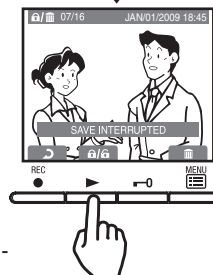
- 2 Press **▶ PLAY** button (). If the image is saved, the key symbol is displayed. If the image has already been saved, the save is canceled. Each time **▶ PLAY** button () is pressed, the operation switches between save and cancel.



* In addition, the operations shown below are also possible in the save/erase selection screen.

- **MENU** button ():
To erase the display picture. (Refer to section 8-14)
- **REC** button ():
To return to the play-waiting screen.


NOTES: 1. "CANNOT SAVE" is displayed if the number of possible saves is exceeded. Cancel unnecessary saved image.
2. Images that have had the save canceled are not erased, but they are overwritten if the number of recorded images is exceeded.

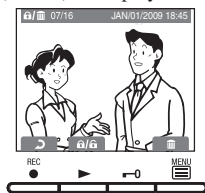


8-14 Erase recorded picture




It is also possible to erase saved recorded pictures.

The erasure of recorded images is performed for each image in turn.

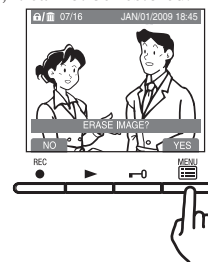
- 1 Display the picture that you want to erase in the play-waiting screen.
(Refer to section 8-13)
Press **MENU** button () to display the save/erase selection screen.



NOTES: When there are multiple recorded pictures, the next (older date) picture displays when erasing is completed.

- 2 Press the **MENU** button () again to display the erase selection screen.
Press **MENU** button () to erase.
Press **REC** button () to stop erasing.

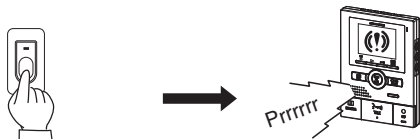
⚠ Once a picture is erased, it cannot be restored.



8-15 If optional units are installed

8-15-1 (without notification at door)

- 1 When a separately-installed sensor is activated or call button is pressed, the alarm sound occurs and the transmit LED (red) flashes. A warning screen is displayed on the video monitor.



- 2 Press **OFF** button to stop the alarm sound.

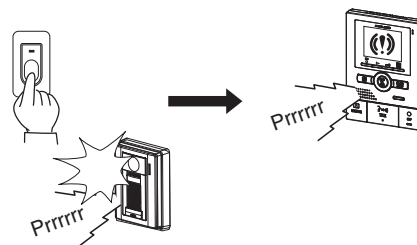


⚠ 1. Even if the chime tone volume is set to 0 (OFF), it will sound at a level equivalent to 10 (HIGH).

⚠ 2. The warning screen will not display on the sub monitor station.

8-15-2 (with notification at door)

- 1 When a separately-installed sensor is activated or call button is pressed, the alarm sound occurs and the transmit LED (red) flashes. A warning screen is displayed on the video monitor. Also, the door station alarm sound also sounds and the Illuminator LED flashes.



NOTES: 1. The alarm sound time is set in the external input settings. (Refer to section 7-5) The factory setting is **DISABLE 30SEC**.
2. When notification at door is set, an alarm sound is emitted from the door station. (The factory setting is to be disabled.)
3. If there is a call from the entrance or another inside unit during notification, the system switches to the entrance or other inside unit (communication is prioritized). ※ Only when notification at door is disabled.
4. When the alarm sound time is set at **DISABLE 30SEC**, automatic restoration occurs after 30 seconds.
5. When the alarm sound time is set at **DISABLE CONT.** or **ENABLE CONT.**, the alarm sound will continue until it is stopped. The monitor warning screen, however, goes out after approximately 10 min.

9 TECHNICAL PRECAUTIONS

- Operating temperature: 0 °C to 40 °C (+32 °F to +104 °F)
- The video image may distort when the door release is activated. But this is not a unit malfunction.
- Cleaning: Clean the units with a soft cloth dampened with a neutral household cleanser. Do not use any abrasive cleaner or cloth.
- If there is a system malfunction, turn the POWER switch at the monitor station OFF and back ON again. If this does not solve the problem, unplug the DC power supply and contact a qualified technician for service.


10 SPECIFICATIONS

- Power: DC 18 V
- Current consumption: (MAX) 400 mA
- Calling: Chime and image, approximately 45 seconds
- Communication: <HANDS-FREE mode> Hands-free: 1, 2, 3 or 5 min.
<PTT mode> Press-to-talk, release to listen: 1, 2, 3 or 5 min.
- Video monitor: 3-1/2" direct view TFT color LCD
- Scanning lines: 525 lines
- Door release contact: AC/DC 24 V, 0.5 A (N/O dry closure contact L, L)
(Minimum Contact : 100 mV DC, 0.1 mA)
(Aiphone's EL-12S is recommended.)
- Dimensions: 185 (H) x 135 (W) x 27 (D) (mm)
7-5/16 (H) x 5-5/16 (W) x 1-1/16 (D) (inches)
- Weight: Approximately 390 g (0.82 lbs.)

Warranty

English


Aiphone warrants that its products have no material or workmanship defects under normal use conditions for two years after delivery to the end user. Aiphone will perform repair or replacement free of charge if the product is defective and the warranty applies to the defect. Aiphone reserves unto itself the sole right to make the final decision whether there is a defect in materials and/or workmanship and whether or not the product is under warranty. This warranty shall not apply to any Aiphone product which has been subject to misuse, neglect, accident, or to use in violation of instructions furnished, nor extended to units which have been repaired or altered outside of the factory. This warranty does not cover batteries or damage caused by batteries used in connection with the unit. This warranty only includes carry-in repairs. Any repairs must be made at the shop or place designated in writing by Aiphone. Aiphone will not be responsible for any costs incurred during on-site service calls. Aiphone will not provide compensation for any loss or damage incurred by the breakdown or malfunction of its products during use, or for any consequent inconvenience or losses that may result.

The object area of  is the EU.

Garantie

Français

Aiphone garantit que ce produit ne présente pas de défaut matériel ou de fabrication dans des conditions normales d'utilisation pendant les deux années suivant la livraison à l'utilisateur final. Aiphone en effectuera gratuitement la réparation ou le remplacement si le produit est défectueux et que la garantie s'applique pour le défaut. Aiphone se réserve le droit exclusif de décider s'il existe ou non un défaut de matière ou de fabrication et si l'appareil est ou non couvert par la garantie. Cette garantie ne s'applique pas à tout produit Aiphone qui a été l'objet d'une utilisation impropre, de négligence, d'un accident ou qui a été utilisé en dépit des instructions fournies; elle ne couvre pas non plus les appareils qui ont été réparés ou modifiés en dehors de l'usine. Cette garantie ne couvre pas les piles ni les dégâts infligés par les piles utilisées dans l'appareil. Cette garantie comprend uniquement les réparations en atelier. Toutes les réparations doivent être réalisées à l'atelier ou au site désigné par écrit par Aiphone. Aiphone décline toute responsabilité en cas de frais encourus pour les dépannages à domicile. Aiphone n'indemniser pas le client en cas de pertes, de dommages ou de désagréments causés par une panne ou un dysfonctionnement d'un de ses produits.

La zone d'application de  est l'UE.

Garantie

Nederlands

Aiphone garandeert dat zijn producten onder normale gebruiksomstandigheden gedurende twee jaar na levering aan de eindgebruiker vrij zijn van materiaal- of fabricagefouten. Aiphone zal het product kosteloos herstellen of vervangen als het defect is en de garantie van toepassing is op het defect. Aiphone behoudt zich het recht voor om als enige definitief te bepalen of er al dan niet sprake is van een materiaal- en/of fabricagefout; en of het product nog onder garantie is. Deze garantie geldt niet voor een Aiphone-product dat is blootgesteld aan verkeerd gebruik, verwaarlozing, een ongeval of verkeerde bediening en evenmin voor toestellen die buiten de fabriek zijn hersteld of gewijzigd. Deze garantie geldt niet voor batterijen of schade veroorzaakt door batterijen die in het toestel zijn gebruikt. Deze garantie geldt uitsluitend voor herstellingen die worden ingeleverd en opgehaald door de klant. Alle herstellingen moeten worden uitgevoerd in de winkel of op de plaats die schriftelijk is aangeduid door Aiphone. Kosten die gepaard gaan met herstellingen ter plaatse kunnen niet worden verhaald op Aiphone. Er kan geen schadeloosstelling van Aiphone worden geëist voor enig verlies of schade als gevolg van een defect of storing tijdens het gebruik van zijn producten, of voor enig ongemak of verlies dat hieruit voortvloeit.

Het toepassingsgebied van  is de EU.

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy, and if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures: · Reorient or relocate the receiving antenna · Connect the equipment into an outlet on a circuit different from that to which the receiver is connected. Increase the separation between the equipment and receiver. · Consult the dealer or an experienced radio/TV technician for help.



Providing Peace of Mind

<http://www.aiphone.com/>

AIPHONE CO., LTD., NAGOYA, JAPAN
AIPHONE CORPORATION, BELLEVUE, WA, USA
AIPHONE S.A.S., LISSES-EVRY, FRANCE

Printed in Thailand