

Intrasonic Technology, Inc.
Color Video Door Phone / Intercom
User's Manual

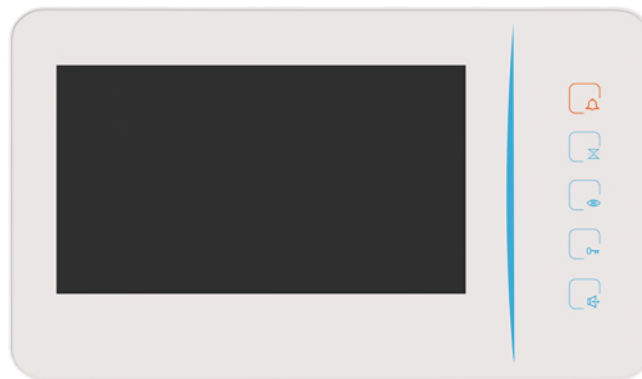


Table of Contents:

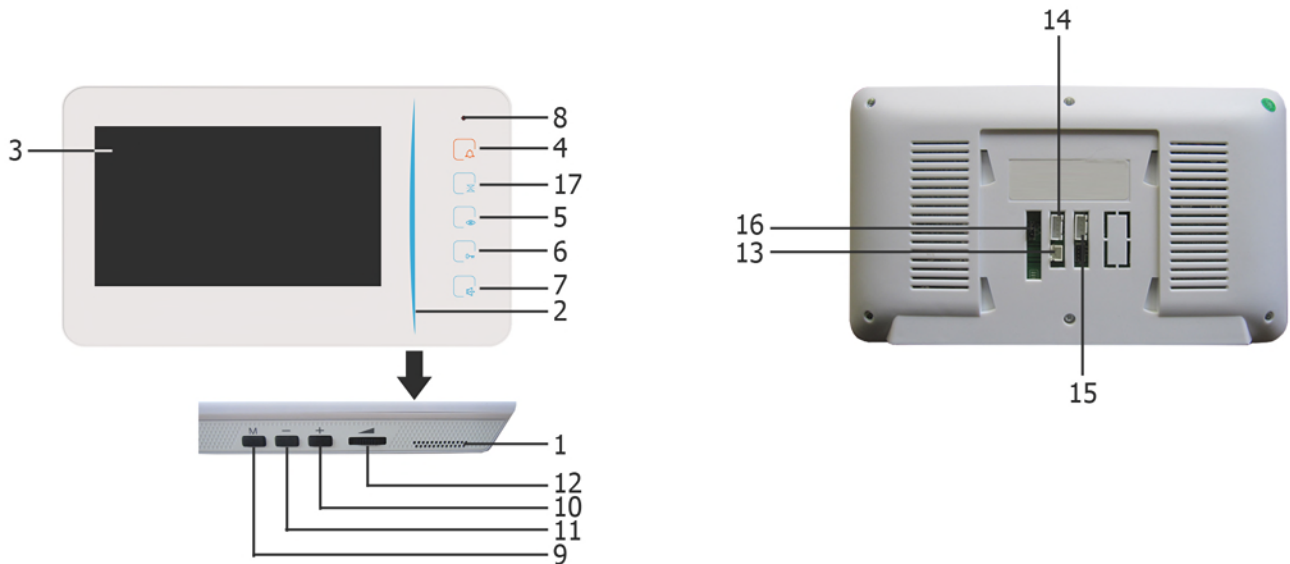
Cover Page	1
Table of Contents	2
System Overview	3
Features and functions	4
Safety	5
Setting the volume	6
Setting the brightness, contrast & color	6
Setting the door chime	6
Answering the door	6
Using the intercom feature	6
Monitoring the door	6
Trouble shooting guide	7
Warranty	7

System Overview:

The video door phone system is capable of up to 4 monitors and 4 door stations. When the door bell is pressed, the system will chime at all the inside monitors alerting the home owner that there is a visitor at the door, and the monitors will display the image from the door camera on the monitors. There are several built in selectable chime tones available.

The home owner can elect to talk to the door station before opening the door. This provides an extra measure of safety as the home owner can screen visitors prior to opening the door. With the optional door release mechanism, the home owner can elect to unlock the door from any inside monitor. The door station is equipped with video night vision allowing the home owner to see the visitor in low and no light conditions.

The system also provides an inside monitor to monitor intercom (audio only). With this feature the home owner can talk with other rooms that contain a monitor station.



- | | |
|--------------------|---|
| 1. Speaker | 13. Power input |
| 2. Power Indicator | 14. Door Station or prior monitor Input |
| 3. Display | 15. Next Monitor Output |
| 4. Ring Button | 16. Audio Jumper |
| 5. Monitor Button | 17. Non-available |
| 6. Unlock Button | |
| 7. Answer Button | |
| 8. Microphone | |
| 9. Menu Button | |
| 10. "+" Button | |
| 11. "-" Button | |
| 12. Volume control | |

Features and functions:

Video Door Phone to monitor, call and unlock a door.
System will accommodate up to 4 door stations and 4 inside monitors.
Camera LED's for night vision.
Selectable door chime tones.
7 inch TFT-LCD color monitor
Intercom between monitor stations

Technical Parameters:

Camera,	1/3 Sony CCD 420TVL
Min Illumination	0.01 LUX
Display	7 Inch TFT-LCD
Video Output	1Vpp/75 ohm
Cable	4 conductor 20AWG minimum
Distance	400 feet, system total, first monitor to last camera
Power	DC18 Volts +/- 10%
System Current	< 1A
Input Voltage	110VAC

Safety

Please read all instructions carefully before operating the system.

- A. Read these instructions.
- B. Keep these instructions.
- C. Heed all warnings.
- D. Follow all instructions.
- E. Do not use this apparatus near water.
- F. Clean only with a dry cloth.
- G. Do not block any ventilation openings, and install in accordance with the manufacturers instructions.
- H. Only use attachments and accessories specified by the manufacturer.
- I. Do not expose to moisture. This can cause shock hazards or create fire and void the warranty.
- J. Do not service this product yourself. Attempting to service this product may expose you to high voltage and will void the warranty. Please contact a qualified local dealer for service.
- K. Any substitutions of non-Intrasonic Technology products may result in electrical shock or other hazards.
- L. The apparatus should not be exposed to dropping or splashing of liquids. No objects filled with liquids, such as vases, should be placed on the apparatus.

WARNING: To reduce the risk of fire or electric shock, do not expose this apparatus to rain or moisture.



AVERTISSEMENT: POUR ÉVITER LE RISQUE D'INCENDIE OU DE CHOCS ÉLECTRIQUES, NE PAS EXPOSER CET APPAREIL À LA PLUIE OU À L'HUMIDITÉ

CAUTION - TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER (OR BACK). NO USER-SERVICEABLE PARTS INSIDE. REFER TO QUALIFIED SERVICE PERSONNEL.

ATTENTION - POUR RÉDUIRE LE RISQUE DE CHOC ÉLECTRIQUE, NE PAS RETIRER LE COUVERCLE (OU L'ARRIÈRE). NON UTILISATEUR À L'INTÉRIEUR. VOIR À UN PERSONNEL QUALIFIÉ.

FCC

This device complies with Part 15 of the FCC rules. Operation is subject to the following two conditions; (1) this device may not cause harmful interference, (2) this device must accept any interference received, including interference that may cause undesirable operation.

Warning: Changes or modifications to this unit not expressly approved by the party responsible for compliance could void the users authority to operate the equipment.

Note: 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 on and off, the user is encouraged to try to correct the interference by one or more of the following measures;

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and the receiver.
- Connect the equipment into an outlet on a circuit different from which the receiver is connected.
- Consult with the dealer or an experienced radio technician for help.



Setting the system volume

The volume of the door intercom door chime and the monitor to monitor intercom can be adjusted by sliding the volume knob on the bottom of the monitor either left to decrease the volume or right to increase the volume.

Setting the brightness, contrast and color

To adjust these items you must first press the monitor button (5) so the display turns on. Then press the menu button (9) on the bottom of the monitor. The first choice will be brightness. If you want to change the brightness of the display, use the + and – buttons (10 & 11) to adjust the brightness. Once you are satisfied with the brightness press the unlock button (6) to lock in the desired setting. Pressing the menu button (9) again will bring up the contrast and again using the + and – buttons (10 & 11) adjust the contrast. Once finished press the unlock button (6) to lock in you setting. Pressing the menu again will bring up the color setting. Using the + and – buttons (10 & 11) adjust the color to your preference. Once complete press the unlock button (6) to lock in your settings.

Setting the Ring Chime

The system has 10 selectable ring chimes available. To select and hear the different ring tones, press and hold the unlock button (6) for several seconds. The preset ring tones should play. Before the first ring tone stops playing, press the unlock button (6) again to hear the next available ring tone. Keep pressing the unlock button (6) until you hear the ring tone that you would like to keep. While this ring tone is playing press the answer button (7) to save this tone. You can select different tones for each room monitor.

Answering the Door Phone

When someone presses the door bell button the door chime will be heard at all room monitors. To answer the door simply go to the closest monitor to view the person at the door. If you want to talk to the visitor, press the answer button (7) to speak and then release the answer button. From this point forward the conversation will be a two way much like on the telephone. The system will time out automatically in about 30 seconds after the conversation has ended.

If you have the door unlock option, you can press the unlock button (6) at any time during the conversation to unlock the door. This unlock feature will time out in about 5 seconds after you press the unlock button (6).

Note: The door unlock function will not operate unless the door bell button has been pressed and you have answered the door by pressing the answer button (7).

Using the Intercom Feature

If you have more than one room monitor, the system can used to intercom between room monitors. To start an intercom conversation press and hold the ring button (4) until the door chime starts to ring. To answer the intercom from another room monitor, simply press the answer button (7). The intercom conversation is now hands free with two way communications between the two monitors. The intercom function will time out in about 45 seconds.

Monitoring the Door

The door camera can be viewed from any room monitor by pressing the monitor button (5). Once pressed the camera from the door station will turn on and display on your monitor. If you have multiple door cameras, pressing the monitor button repeatedly will turn on each camera one at a time. The monitor function will time out after about 15 seconds.



Trouble Shooting Guide

System not working or on.	No power, check power connections Check power supply
Door station not working	Check wiring and connections
Monitor not working	No power, check power No power, check power connections Check wiring
Volume is too low	Adjust volume on bottom of monitor
Poor image quality	Adjust contrast, brightness and color Video resistor not installed
Video display is OK but intercom between monitor and door not working	Wrong connection, check wiring Jumper is in wrong position

Intrasonic Technology, Inc. 2 Year Limited Warranty

Intrasonic Technology warrants its products to be free of manufacturing defects for two years from the date of closing or actual installation. This warranty only applies to products purchased from authorized dealers or distributors. If proof of installation can not be supplied, the manufacturing date code may be substituted. The warranty extends to the original user or subsequent owner of the product during the warranty term. Intrasonic Technology will replace or repair the product at it's option at no charge with a rebuilt or new product. All products with manufacturing defects must be returned to Intrasonic Technology.

If an Intrasonic Technology product is determined to have a manufacturing defect, please call our toll free number (877-435-0670) before any attempt to dismantle or repair the product. Any attempt to dismantle or repair product will void the warranty.

An RMA (Return Material Authorization) will be required prior to returning a product to Intrasonic Technology. To obtain an RMA number, call our toll free number (877-435-0670) and speak with a customer service representative. All products returned to Intrasonic Technology without an RMA will be refused.

The limited warranty is in lieu of any other warranties, expressed or implied and any other obligations or liability on the seller's part. The limited warranty does not cover service calls, damage caused by improper installation, acts of God or violation of building or electrical codes.

Intrasonic Technology will not be liable for consequential, incidental or other damage arising in connection with use or inability to use this product. In no event shall Intrasonic Technology's liability hereunder exceed the cost of the product covered hereby. No person is authorized to assume for Intrasonic Technology or obligate Intrasonic Technology for any other liability in connection with the sale of this product. Some states do not allow the exclusion or limitation of consequential, incidental damage, so the above limitation or exclusion may not apply. This limited warranty gives you specific legal rights and you may also have other rights, which may vary state to state.