

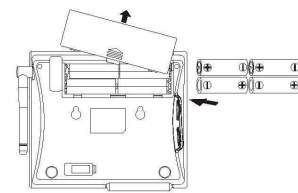
# TTD-70T, TTD-70R

User's Manual  
Manuel d'utilisation  
Manual del Usuario  
Benutzerhandbuch  
Manuale utente

June 2005  
P/N: 408-000313-00

12. Schermo LCD
13. LED alimentazione
14. Tasto di rilascio chiavistello
15. Tasto parla
16. Antenna
17. Tasti di selezione canale
18. Connettore alimentazione
19. LED indicatore del canale
20. Comminatori di impostazione gruppo ID
21. Vano batterie
22. Controllo regolazione luminosità
23. Comando alimentazione/volume

Loading Batteries/Charger les piles/Inserción de las pilas  
/Einlegen der Batterien/Inserimento delle batterie

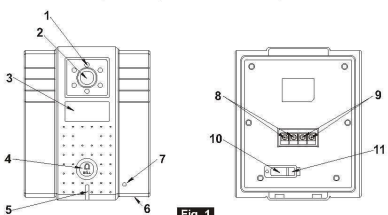


## 1 What You Get/Ce que vous avez/Qué obtiene con este producto/Was Sie bekommen/Dotazione

- |                          |  |
|--------------------------|--|
| 1. One doorphone camera  | 4. Electric door latch cable           |
| 2. One doorphone monitor | 5. Mounting plate for doorphone camera |
| 3. Two AC adapters       | 6. This user's manual                  |
1. Une caméra d'interphone  
2. Un moniteur d'interphone  
3. Deux transformateurs secteur
1. Una cámara portero  
2. Un monitor portero  
3. Dos Adaptadores CA
1. Eine Kamera für die Türsprechanlage  
2. Einen Monitor für die Türsprechanlage  
3. Zwei Netzadapter
1. Una videocamera doorphone  
2. Un monitor doorphone  
3. Due adattatori AC
- |   |  |
|---|--|
| 4. Câble pour le loquet électrique      | 5. Plaque de fixation pour la caméra de l'interphone |
| 4. Cable de montaje para cámara portero | 6. Este manual del usuario                           |
4. Câble pour le loquet électrique  
5. Plaque de fixation pour la caméra de l'interphone  
6. Ce manuel de l'utilisateur
4. Cable de montaje para cámara portero  
5. Plaque de montaje per videocamera doorphone  
6. Il presente manuale d'uso
4. Kabel für ein elektrisches Türschloss  
5. Befestigungsplatte für die Kamera der Türsprechanlage  
6. Diese Bedienungsanleitung
4. Cavo del chiavistello porta elettrico  
5. Piastra di montaggio per videocamera doorphone  
6. Il presente manuale d'uso

## 2 Product Layout/Disposition du produit/Aspecto del producto /Produkt-Layout/Struttura del prodotto

Doorphone Camera/Cámara de l'interphone/Cámara Portero/  
Kamera für die Türsprechanlage/Videocamera Doorphone

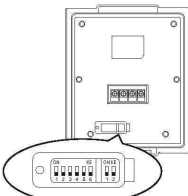


- |                                 |  |
|---------------------------------|--|
| 1. Infrared LEDs                | 1. Voyants infrarouges                 |
| 2. Lens                         | 2. Lentille                            |
| 3. Address plate                | 3. Plaque d'adresse                    |
| 4. Door bell button             | 4. Bouton de sonnette                  |
| 5. Power/linkage indicator LED  | 5. Voyant d'alimentation/de lien       |
| 6. Reset button                 | 6. Bouton de réinitialisation          |
| 7. Photo sensor                 | 7. Capteur photo                       |
| 8. Door latch jack              | 8. Prise du loquet                     |
| 9. Power adapter jack           | 9. Prise du transformateur             |
| 10. Group ID selection switches | 10. Interrupteurs de sélection d'ID    |
| 11. Channel selection switches  | 11. Interrupteur de sélection de canal |
1. LED de infrarrojos  
2. Objektiv  
3. Plato de Dirección  
4. Botón Timbre  
5. Indicador LED de conexión/Poder  
6. Botón de reseteo  
7. Sensor fotográfico  
8. Enchufe del pestillo de puerta  
9. Jack adaptador a la alimentación  
10. Interruptores de selección ID de Grupo  
11. Interruptor de selección de canales
1. Infrarot-LEDs  
2. Objektiv  
3. Adressplatte  
4. Türklingeltaste  
5. Betriebs/Verbindungsanzeige  
6. Rückstellungstaste  
7. Fotosensor  
8. Türschloss-Buchse  
9. Netzadapter-Buchse  
10. Gruppen ID Auswahlschalter  
11. Kanalwählschalter
1. Infrarot-LEDs  
2. Objektiv  
3. Adressplatte  
4. Türklingeltaste  
5. Betriebs/Verbindungsanzeige  
6. Rückstellungstaste  
7. Fotosensor  
8. Türschloss-Buchse  
9. Netzadapter-Buchse  
10. Gruppen ID Auswahlschalter  
11. Kanalwählschalter

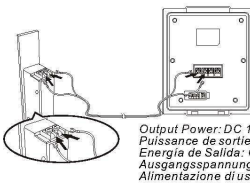
## 3 Setting Up/Installation/Configuración/Einrichten/ Installazione

### 3.1 Setting up the doorphone camera/Installer la cámara de l'interphone/Configuración de la cámara portero/ Einrichten der Kamera der Türsprechanlage/ Installazione della videocamera doorphone

Check that the group ID on the doorphone camera and the monitor are the same!  
Vérifiez que l'ID de groupe sur la caméra et le moniteur de l'interphone sont identiques!  
Compruebe que el ID de grupo en la cámara portero y el monitor sean iguales!  
Prüfen Sie, ob die Gruppen ID der Kamera der Türsprechanlage und die des Monitors die Gleiche ist!  
Controllate che il gruppo ID nella videocamera doorphone e il monitor siano gli stessi!



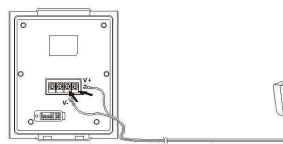
### 3.2 Connect to an electric door latch/Connectez à un loquet électrique/Conecte a un pestillo de puerta eléctrico/ Anschluß an einem elektrischen Türschloss/ Connettete ad un chiavistello elettrico porta



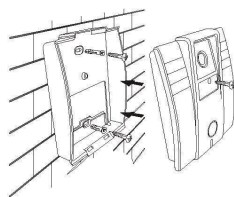
Output Power: DC 12V / 1.2A  
Puissance de sortie: 12V CC / 1.2A  
Energía de Salida: CC 12V / 1.2A  
Ausgangsspannung: DC 12V / 1.2A  
Alimentazione di uscita: DC 12V / 1.2A

### 3.3 Power Supply/Alimentation/Suministro de corriente/ Netzgerät/Alimentazione

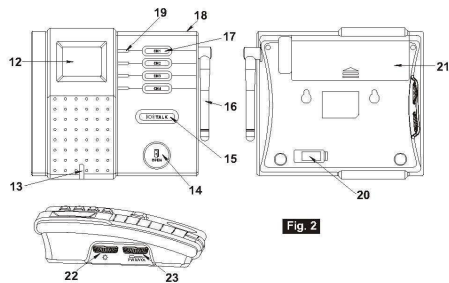
Using AC Power/Utiliser l'alimentation CA  
/Conexion del suministro de corriente alterna  
/Anschließen an den Netzstrom/Utilizzo dell'alimentazione CA



### 3.4 Wall mounting the doorphone camera/Fixer la cámara de l'interphone au mur/Instalación de la cámara portero en la pared/Wandmontage der Kamera der Türsprechanlage/ Montaggio a parete della videocamera doorphone

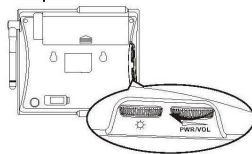


Doorphone Monitor/Moniteur de l'interphone/Monitor Portero/  
Monitor der Türsprechanlage/Monitor Doorphone



- |                                   |  |
|-----------------------------------|--|
| 12. LCD screen                    | 12. Ecran LCD  |
| 13. Power indicator LED           | 13. Voyant d'alimentation                            |
| 14. Door latch release button     | 14. Bouton d'ouverture du loquet                     |
| 15. Talk button                   | 15. Bouton de conversation                           |
| 16. Antenna                       | 16. Antenne  |
| 17. Channel selection buttons     | 17. Boutons de sélection du canal                    |
| 18. Power plus                    | 18. Prise d'alimentation                             |
| 19. Channel indicator LEDs        | 19. Voyants d'indicateur de canaux                   |
| 20. Group ID setting switches     | 20. Interrupteurs de configuration de l'ID de groupe |
| 21. Battery compartment           | 21. Compartiment des piles                           |
| 22. Brightness adjustment control | 22. Contrôle de réglage de la luminosité             |
| 23. Power/volume control          | 23. Contrôle d'alimentation/volume                   |
12. Pantalla LCD  
13. Indicador LED de corriente  
14. Botón de apertura de pestillo de puerta  
15. Botón hablar  
16. Antena  
17. Botones de selección de canal  
18. Enchufe de corriente  
19. Indicadores LED de canal  
20. Interruptores de configuración de ID de Grupo  
21. Compartimento de las pilas  
22. Control de ajuste de brillo  
23. Control de encendido/volumen
12. LCD-Schirm  
13. Betriebsanzeige  
14. Taste zum Öffnen des elektrischen Türschlosses  
15. Sprechtaste  
16. Antenne  
17. Kanalwahltasten  
18. Netzstecker  
19. Kanalzeige-LEDs  
20. Gruppen ID Einstellungsschalter  
21. Batteriefach  
22. Kontrolle der Helligkeitseinstellung  
23. Stromversorgung/Lautstärkereger

## 4.2 Power-on the doorphone monitor/Allumez le moniteur de l'interphone/Encienda el monitor portero/Schalten Sie den Monitor der Türsprechanlage ein/Accendete il monitor doorphone



Pluggable equipment, the socket-outlet shall be installed near the equipment and shall be easily accessible.

## 5 Operation/Utilisation/Funcionamiento/Betrieb/Operazione

1. Check that the group ID on the doorphone camera and the monitor are the same.
  2. After the camera and monitor detect and confirm the link, the "power indicator LEDs" and "channel indicator LEDs" light in red.
  3. Press the "TALK" button on the doorphone monitor to converse with visitors at the door.
  4. Power indicator LEDs light in green when in standby mode.
  5. To resume the system, A) press the "BELL" button on the doorphone camera. B) press the "CHANNEL" buttons.
  6. Press the "OPEN" button on the doorphone monitor to release the electric door latch.
1. Vérifiez que l'ID de groupe sur la caméra et le moniteur de l'interphone sont identiques.  
2. Une fois que la caméra et le moniteur ont détecté et confirmé le lien, le "voyant d'alimentation" et le "voyant de canal" s'allument en rouge.  
3. Appuyez sur le bouton "TALK" du moniteur de l'interphone pour parler avec les visiteurs à la porte.  
4. Le voyant d'alimentation s'allume en vert quand il est en veille.  
5. Pour réveiller le système, A) appuyez sur le bouton "BELL" de la caméra de l'interphone, B) pressez sur les boutons "CHANNEL".  
6. Appuyez sur le bouton "OPEN" du moniteur de l'interphone pour ouvrir le loquet.

1. Compruebe que el ID de grupo en la cámara portero y el monitor sean iguales.
  2. Después de que la cámara y el monitor detecten y confirmen la conexión, el "LED indicador de energía" y el "LED indicador de canal" se encienden en rojo.
  3. Presione el botón "TALK" en el monitor portero para conversar con los visitantes en la puerta.
  4. El LED indicador de energía se pone verde al estar en modo espera.
  5. Para reanudar el sistema, A) presione el botón "BELL" en la cámara portero. B) presione los botones "CHANNEL".
  6. Presione el botón "OPEN" en el monitor portero para abrir el pestillo de puerta eléctrico.
1. Prüfen Sie, ob die Gruppen ID der Kamera der Türsprechanlage und die des Monitors die Gleiche ist.  
2. Nachdem die Kamera und der Monitor die Verbindung entdeckt und bestätigt haben leuchten die "Betriebsanzeige-LEDs" und die "Kanalanzeige-LEDs" rot.  
3. Drücken Sie die "TALK"-Taste auf dem Monitor der Türsprechanlage, um sich mit Besuchern an der Tür zu unterhalten.  
4. Die Betriebsanzeige-LEDs leuchten im Standby Modus grün.  
5. Um das System wieder zu starten A) drücken Sie die "BELL"-Taste an der Kamera der Türsprechanlage, B) drücken Sie die "CHANNEL"-Tasten.  
6. Drücken Sie die "OPEN"-Taste auf dem Monitor der Türsprechanlage, um das elektrische Türschloss zu öffnen.

1. Controllate che il gruppo ID nella videocamera doorphone e il monitor siano gli stessi.
2. Dopo che la videocamera e il monitor rilevano e confermano il collegamento, il "LED dell'indicatore alimentazione" e il "LED dell'indicatore canale" si illuminano di rosso.
3. Premete il tasto "TALK" nel monitor doorphone per conversare con i visitatori alla porta.
4. L'Indicatore del LED di alimentazione si illumina di verde quando siete nella modalità di attesa.
5. Per riattivare il sistema, A) premete il tasto "BELL" nella videocamera doorphone. B) premete i tasti "CHANNEL".
6. Premete il tasto "OPEN" nel monitor doorphone per rilasciare il chiavistello elettrico della porta.

If you have any question on the operation or care of this product, please email us: support@tranwo.com.

Si vous avez des questions sur l'opération ou le soin de cet appareil, Veuillez nous contacter par courrier électronique: support@tranwo.com.

Para cualquier pregunta acerca del manejo cuidados de este producto, por favor, envíenos un mensaje de correo electrónico a la dirección: support@tranwo.com

Bei Fragen zum Betrieb oder zur Pflege dieses Produkts senden Sie uns ein E-Mail an folgende Adresse: support@tranwo.com.

In caso di domande in merito al funzionamento o alla cura del prodotto, inviare un messaggio e-mail all'indirizzo: support@tranwo.com.

## 6 Specifications/Spécifications/Especificaciones/ Technische Daten/Specifiche

System	
Radio Frequency	2.4GHz, Direct Sequence Spread Spectrum
Working Distance	Typical 100m line of sight
Audio Type	Two-way communication
Security Method	ID code encryption
Multiple Cameras	Maximum 4 cameras
Power Saving Mode	System auto-sleep

Doorphone Camera	Doorphone Monitor
Camera Type	CMOS sensor, resolution: 300K pixels
Video Type	1/8" TFT LCD with adjustable brightness
Radio Type	2.4GHz transceiver
Antenna Type	Adjustable dipole antenna
Audio Type	Build-in microphone and speaker with adjustable volume
Doorbell Operation	Red button to trigger outdoor and linkage
Electric Lock	Lock open ability for 12V/12V electric door
Form Factor	IP68 level water resistance with wall-mounting
Power Consumption	DC 12V/1.2A from AC adapter

Power Consumption: DC 12V/1.2A from AC adapter

Specifications subject to change without notice

### Declaration of Conformity

We Name: TRANWO TECHNOLOGY CORP.  
Address: #F, No. 49, Chunguang Rd., Jishu City, Henan, Taiwan, 302, R.O.C.  
declares, under its responsibility, that the product GigaAir D700, consisting of the following model numbers: GigaAir D70T (100% technical identity with TTD-70T) GigaAir D70R (100% technical identity with TTD-70R)  
To which this declaration relates, are in conformity with the essential requirements as described in directive R&TTE 1999/5/EC and satisfies all the technical regulations applicable to the product under following standard:  
Safety (EN 60950) EN 60950-1:2000  
EMC (EN 55022) EN 55022:2000  
RF (EN 301 209) EN 301 209:2000  
Identified by the Notified Body 0700  
Allen Wang  
Deputy Manager

### FCC Statement

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.  
Increase the separation between the equipment and receiver.  
Connect the equipment into a circuit or a circuit different from that to which the receiver is connected.  
Consult the dealer or an experienced radio/TV technician for help.

FCC Label Compliance Statement:  
This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) the device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause unintended operation.

Not: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications to this equipment. Such modifications could void the user's authority to operate the equipment.

1. The batteries disposal note will be revised to user manual. (to Battery disposal)

For green environment issue it's important that batteries should be recycled in a proper way.

2. BATTERY TYPE: "1.5V/AA"-Heavy Duty or Alkaline Batteries.

3. indicate power adapter should be complied with L.P.S test.

BATTERY CAUTION:  
Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

CE 0700

## **Federal Communication Commission Interference Statement**

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 of the following measures:

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

FCC Caution: Any changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate this equipment.

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, and (2) this device must accept any interference received, including interference that may cause undesired operation.

This device and its antenna(s) must not be co-located or operating in conjunction with any other antenna or transmitter.

### **IMPORTANT NOTE:**

#### **FCC Radiation Exposure Statement:**

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.