

PA700 Rugged Handheld Computer



User's Manual

Version 1.0

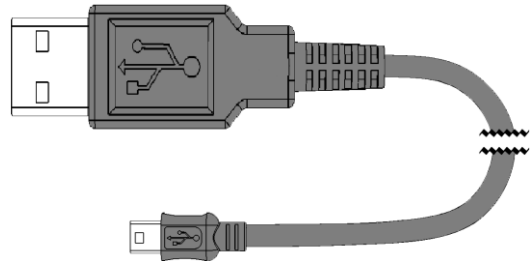
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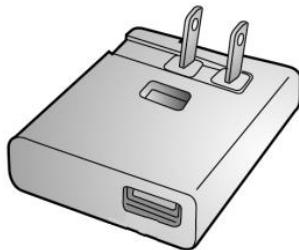
1. Package Contents



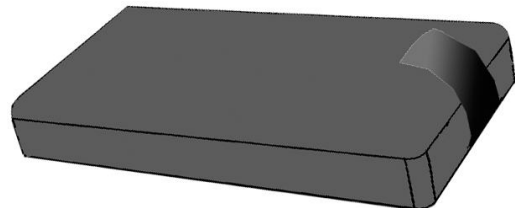
PA700



USB cable
(Standard USB to Micro USB)



Charger



Battery



Power Plug Adapter



Hand Strap



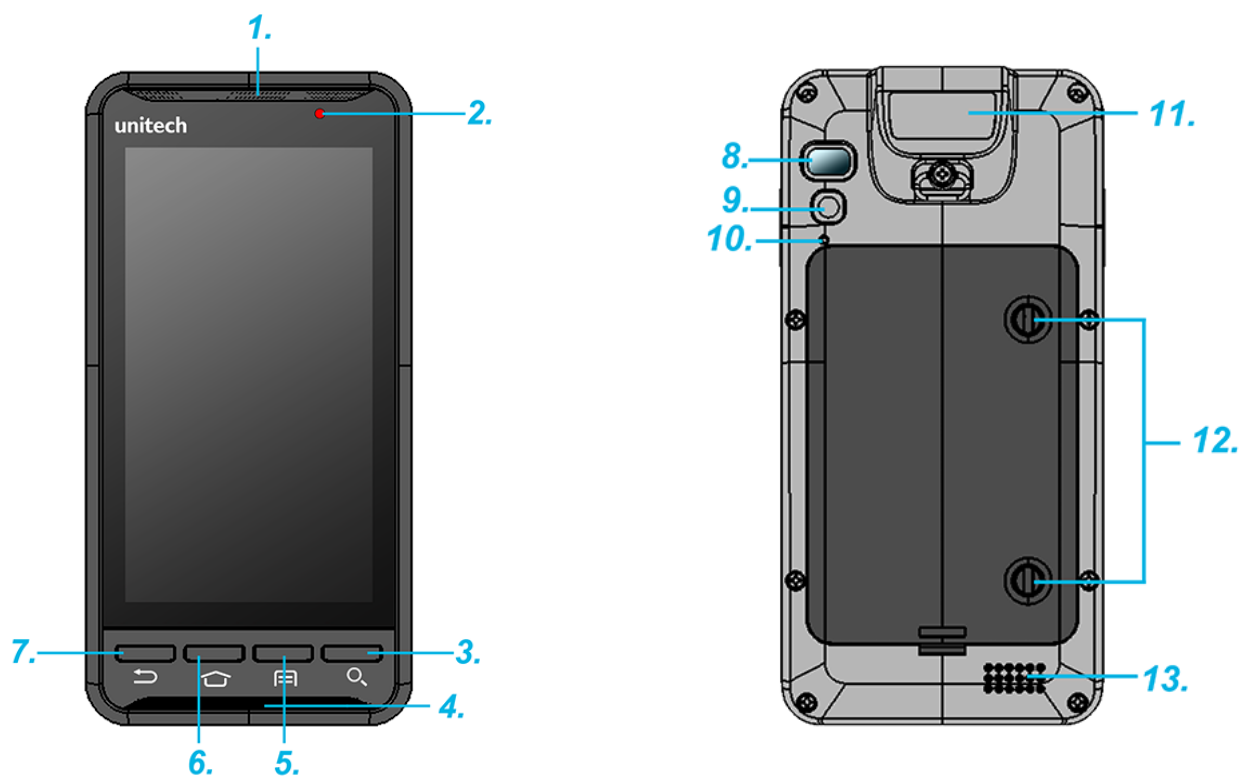
Utility DVD

2. Getting started

Unitech PA700 is an Android platform device. Android platform device has great flexibility that allows you to make customized configurations and enhancements by install and remove Apps.

With Android operation system, your device has limitless possibilities to update to latest features and improvements.

2.1 Device overview



1. Receiver	7. Back button
2. LED indicator	8. Flash LED
3. Search button	9. 5M Camera with AF
4. Microphone.	10. Reset button
5. Menu button	11. RFID antenna
6. Home screen button	12. Mounting screw for battery cover

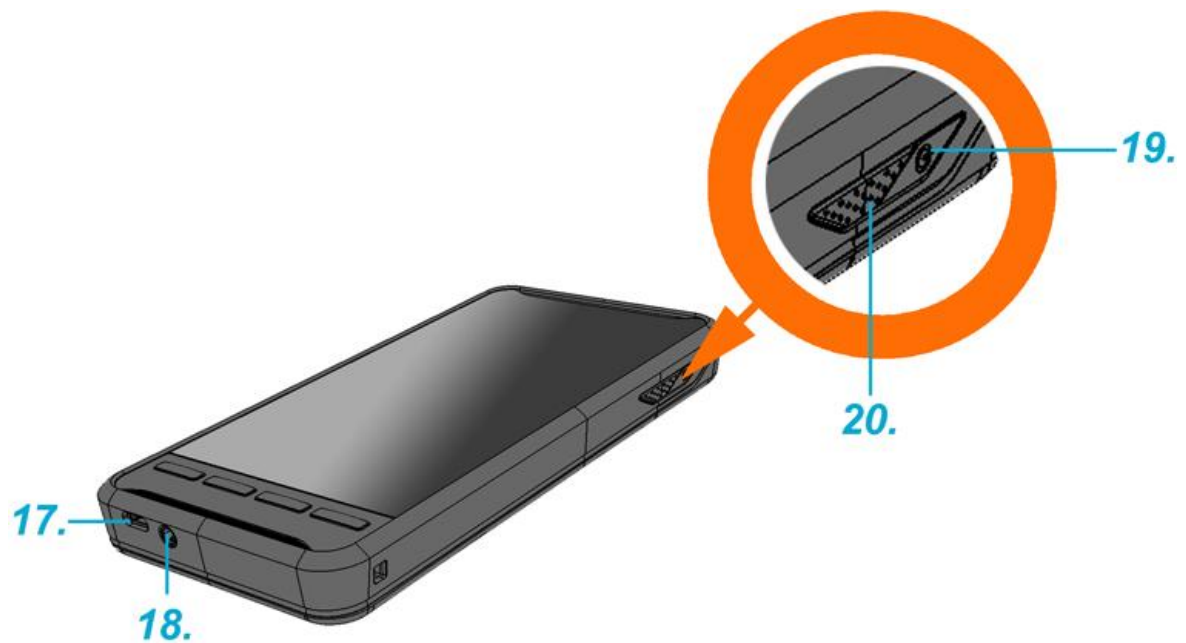


13. Bar code Scan Engine

15. Volume Down button

14. Scan button

16. Volume Up button



17. Micro USB port

19. Power button

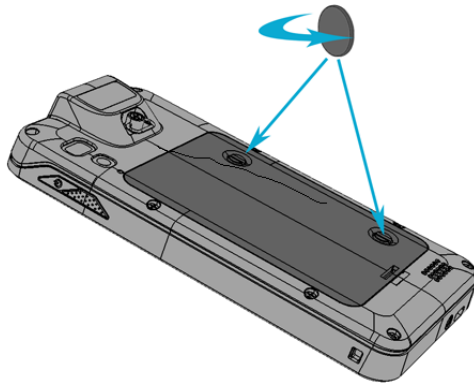
18. Phone jack

20. Scan button

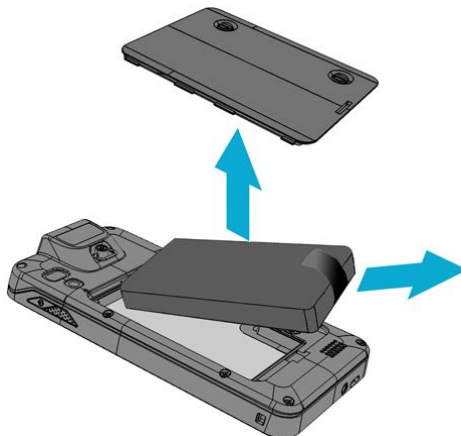
2.2 Assembly

Accessing battery, Micro SD card and SIM card

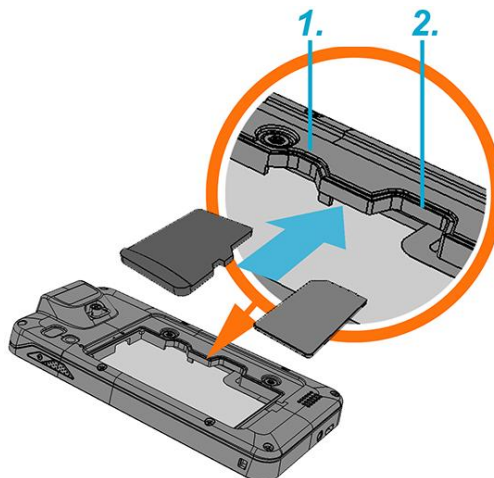
1. Using a proper tool (ex. a coin) to loosen the two screws on the battery cover by turning anticlockwise.



2. Remove the back cover and pull the battery out.



3. Now you can access the micro SD card slot and SIM card slot.



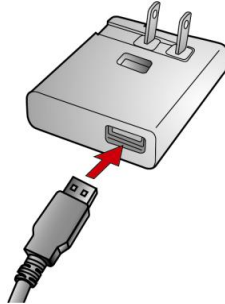
1. Micro SD card slot

2. SIM card slot

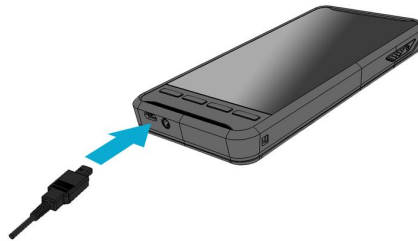
2.3 Charging the battery

Connect PA700 to the charger, it will be charged automatically.

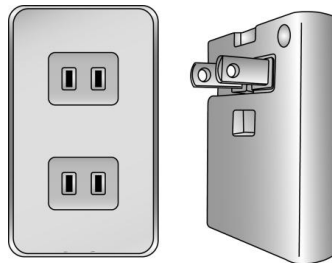
1. Connect the standard USB connector to the charger.



2. Connect the micro USB connector to the micro USB port at the bottom.

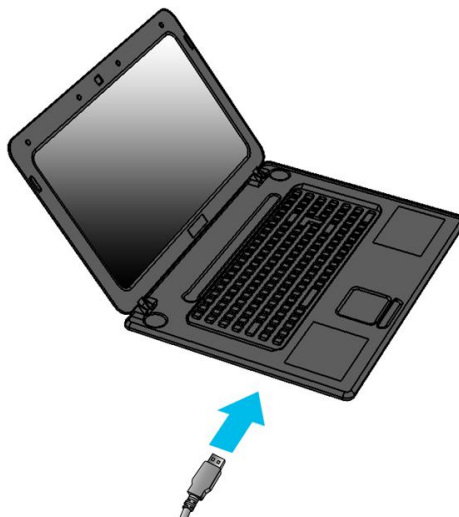


3. Plug the AC charger into a wall outlet. If needed, attach a plug converter onto the AC charger.

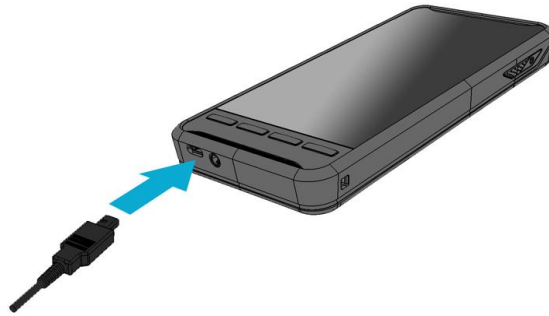


2.4 Data Communicating with PC Device

1. Connect the standard USB connector to the USB port of the PC device.



2. Connect the micro USB connector to the micro USB port at the bottom.



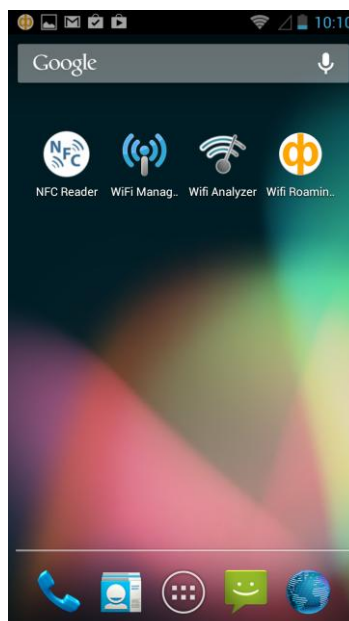
2.5 LED status



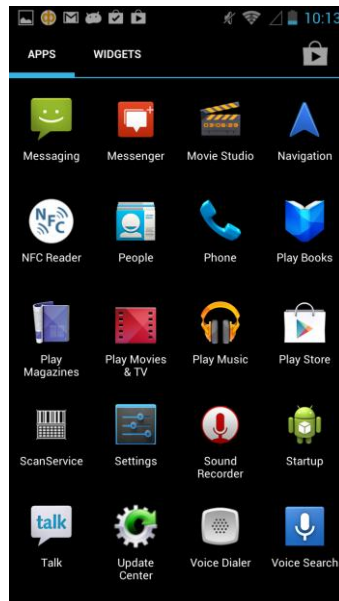
Green	The battery is fully charged
Lights Red	The battery is charging. The battery level is between low and full
Blue	Message is received.

2.6 To check the battery level and to access the battery usage menu

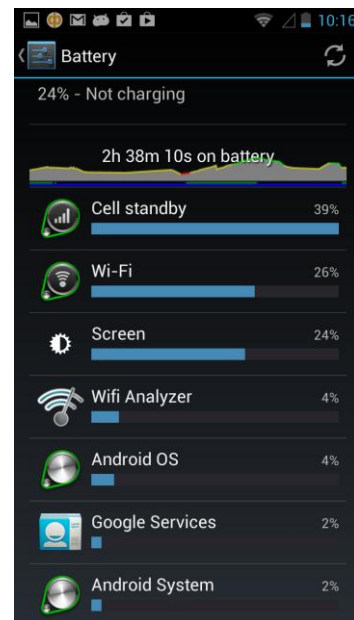
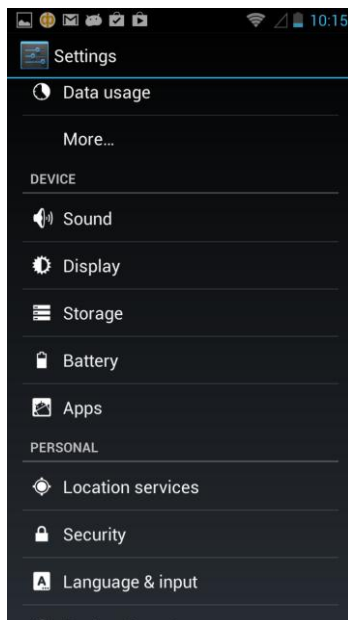
1 From your Home screen, tap .



2 Find and tap Settings.



3 Find and tap  Battery.



3. Basic Operation

3.1 Accessing and using applications

To open the Application screen

From your Home screen, tap .

To browse the Application screen

From the Application screen, flick right or left.

To create a shortcut to an application on the Home screen

- 1 From your Home screen, tap .
- 2 Touch and hold an application icon and then the Home screen opens.
- 3 Drag the icon to the desired page on the Home screen by flicking left or right, then release your finger.

To Remove a shortcut of an application on the Home screen

- 1 From your Home screen, touch and hold the icon of the desired application you want to remove
- 2 “X Remove” shows on the top of the home screen.
- 3 Drag the icon to be removed to the “X Remove”.

Calling

Call handling

To make a call by dialing

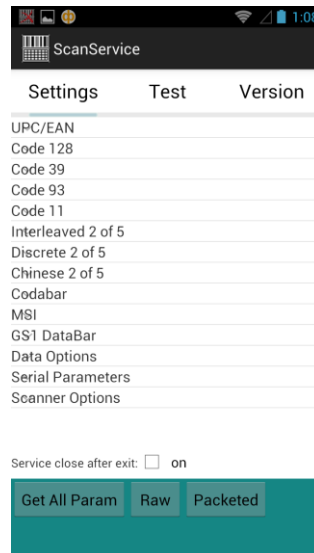
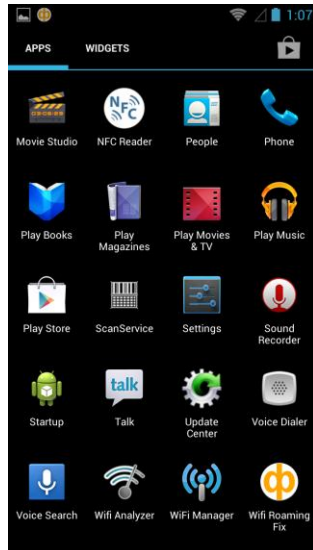
- 1 From your Home screen, tap .
- 2 Find and tap Phone.
- 3 Enter the number of the recipient and tap Call. To delete a number, tap .

To end a call

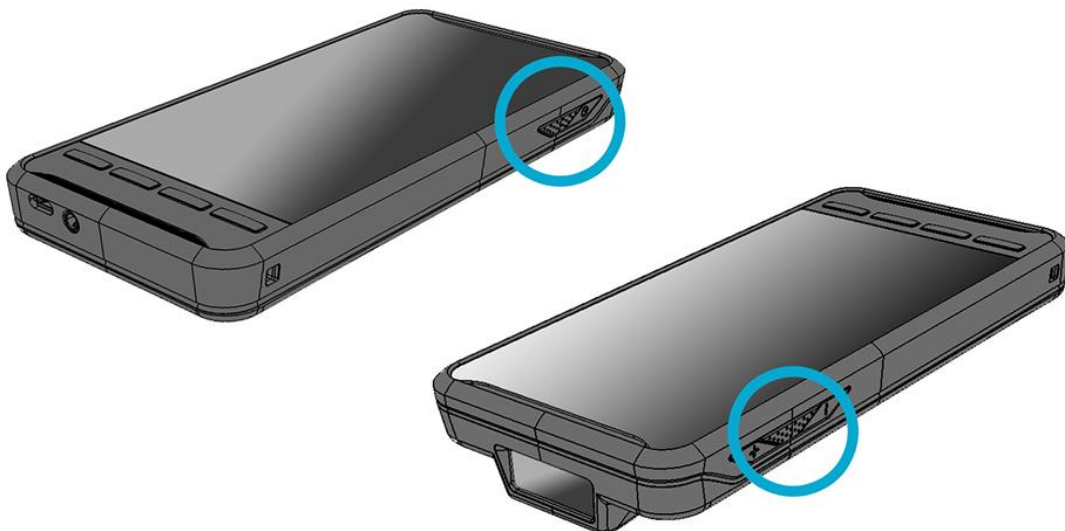
- Tap .

3.2 Barcode Scanning (For Imager Version only)

1. Tap the **ScanService**

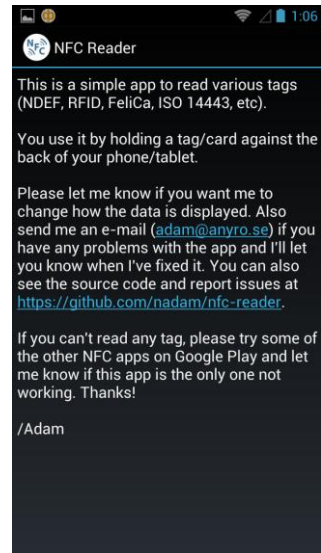
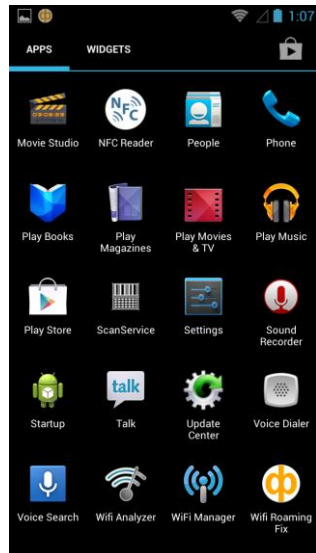


2. Aim the Bar code Scan Engine to the barcode and press one of two scan buttons.



3.3 RFID Sensing

1. Tap the NFC Reader



4. Specification

System Features

CPU	TI OMAP 4470 1.5Ghz Dual Core Processor
Memory	1GB Mobile DDR RAM 8GB eMMC Flash
OS	Android 4.1.1 Jelly Bean
Languages support	English, Simp. Chinese, Traditional Chinese, Japanese, Spanish, German, French

Display

Gorilla Glass II with 5-point capacitive touch panel

4.7" Color 450nits High Brightness TFT 720x1280 dots IPS LCD

Keypad

4 x Function key	1 x Power key
2 x Scan Key	2 x Volume key

Indicator

1 LED indicate charge/Message

Vibrator

Symbologies

1D CCD Barcode scanner	UPC-A/E, EAN-8/13, Codabar, Code 39, Code 39 full ASCII, Code 93, Code 32, Interleaved & Std. 2 of 5, EAN 128, Code 11, Delta, MSI/Plessey, Code 128, Toshiba, RSS expanded, RSS Limited, RSS14.
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Audio

1W speaker 85 dB at 10cm , 3.5mm Audio Jack, Receiver, Microphone

Regulatory Approvals

CE, NCC, FCC, BSMI, VCCI, CCC, RoHS compliance

Communication

Camera and Flash Light	5MP CMOS Sensor Camera with dual Auto focus LED flash light
External storage	Support MicroSD memory card up to 32GB
USB	USB 2.0 OTG
WLAN	IEEE 802.11 b/g/n
Bluetooth	Bluetooth 4.0
WWAN	GSM/GPRS/EDGE 850/900/1800/1900 MHzUMTS 850/900/1700/1900/2100 MHz WCDMA modem, HSPA+, DL: 21Mbps/ UL: 5.76Mbps

Other Sensors	GPS eCompass Light & Proximity sensor G-sensor
RFID/HF (Optional)	Frequency: 13.56MHz Tag Support: ISO15693, ISO14443A , ISO14443B Support NFC
GPS	12 x 12 mm patch antenna
Power Source	
Main Battery	11.9Wh 3.7V @3220mAh Li-Polymer battery pack
Backup Battery capacity	1 hour
Enclosure	
Weight	285g (with battery)
Dimension	160mm x17.4mm x 80mm (without engine)
Environmental	
Operating temperature	14°F to 122°F (-10°C to 50°C)
Storage temperature	-4°F to 140°F (-20°C to 60°C)
Charging Temperature	32°F to 104°F (0°C to 40°C)
Relative Humidity	5% ~ 95% (non-condensing)
Drop test to Concrete	1.2 meter
Environmental Sealing	IP65
Vibration and Shock test	MIL-STD-810F, 514.4 process II
Software	
Android 4.1.1 API level 16	
Accessories	
Single Slot USB Client/on the go Cradle with Single Slot Battery Charger	
Handstrap	
3220mAH standard Battery	
USB Communication Cable	
Power adaptor with universal plugs	

Appendix Worldwide Support

Unitech's professional support team is available to quickly answer questions or assist with technical-related issues. Should an equipment problem occur, please contact the nearest Unitech regional service representative. For complete contact information please visit the Web sites listed below:

Unitech America

Los Angeles, Houston

<http://us.ute.com> e-mail: info@us.ute.com

<http://can.ute.com> info@can.ute.com

Mexico

<http://latin.ute.com> e-mail: info@latin.ute.com

Unitech Asia Pacific & Middle East

Taipei

<http://apac.ute.com> info@apac.ute.com / info@india.ute.com

<http://mideast.ute.com> info@mideast.ute.com

Unitech Japan

Tokyo

<http://jp.ute.com> e-mail: info@jp.ute.com

Unitech Europe

Tilburg / Netherlands

<http://eu.ute.com> e-mail: info@eu.ute.com

Unitech Greater China

Beijing, Shanghai, Guang Zhou, Xiamen

<http://cn.ute.com> info@cn.ute.com

Taipei <http://tw.ute.com> info@tw.ute.com

Head Office

Taipei

<http://www.ute.com> e-mail: info@hq.ute.com