

Regulatory Information

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Power Supply

Use only an American Microsystems, Ltd. approved Power Supply, output rated 12 VDC and minimum 5A. The Power Supply is certified to EN60950.

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FC FCC Declaration of Conformity
Product Name: 4-Position Terminal Charger
Model Number: ACC-7035

Radio Frequency Interference Requirements

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

This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a residential environment. 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 you determine the equipment does cause harmful interference to radio or television reception (this may be determined by monitoring the interference while turning the equipment off and on), you are 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 or TV technician for help.

Radio Frequency Interference Requirements - Canada

This Class A digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe A est conforme à la norme NMB-003 du Canada.

Marking and European Economic Area (EEA)

CE Products intended for sale within the European Union are marked with the CE mark which indicates compliance to applicable Directives and European Normes (EN), as follows. Amendments to these Directives or EN's are included.

- Electromagnetic Compatibility Directive 89/336/EEC
- Low Voltage Directive 73/23/EEC

Normalización y Certificación Electronica (NYCE)



Safety

NOM / NYCE-NOM-019-SCFI-1998
Safety of data processing equipment.

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AML ACC-7035

4-Position Terminal Charger

LEFT BLANK INTENTIONALLY



User's Guide

© 2007 American Microsystems Ltd.
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Website: www.amltd.com

Introduction

The ACC-7035 4-Position Terminal Charger charges the M7100 handheld terminals. Up to 4 terminals can be seated in the cradle for battery charging.

About This Guide

This guide provides instruction on setting up and using the ACC-7035 4-Position Terminal Charger. For instructions on battery charging, see the M7100 User's Guide.

Set Up

Setting up the cradle includes unpacking, connecting the power cable, and mounting the cradle on a table top.

Unpacking the Cradle

The shipping box includes the following:

- One ACC-7035 4-Position Terminal Charger
- One PWR-2946 Power Supply
- One 120 VAC Power Cable
- This User's Guide.

If any parts are missing or damaged, contact your authorized Customer Support Representative immediately. Save the shipping box for storing or shipping.

Connecting the Power

The PWR-2946 power supply is included with the ACC-7035 4-Position Terminal Charger. If a country-specific AC power supply is required, please contact your authorized Customer Support Representative.

Use only an American Microsystems, Ltd. approved power supply; output rated 5 VDC and a minimum of 6 Amps. The power supply connects to the ACC-7035 by a 2.1mm x 5.5mm barrel connector, center positive.

To connect power to the cradle:

1. Connect one end of the Power Supply Cable to the Power Connector on the side of the cradle.
2. Connect the other end of the Power Supply AC to a standard electrical outlet.
3. The cradle's LED's turn green to indicate that power is available.
4. The LED's remain green until a terminal is inserted into one or more of the slots.

Charging

Turn the M7100 terminal off and insert it into a cradle slot. It begins to charge as soon as it is inserted. To properly charge the battery, be sure the terminal is off.

Indicator Lights

LED Color	Description
Off	No power supplied to cradle
Green	If no terminal is present in the cradle, green indicates that there is power available. If terminal is present in cradle, green indicates that the terminal is fully charged.
Red	Terminal is present in the cradle and the battery is being charged.

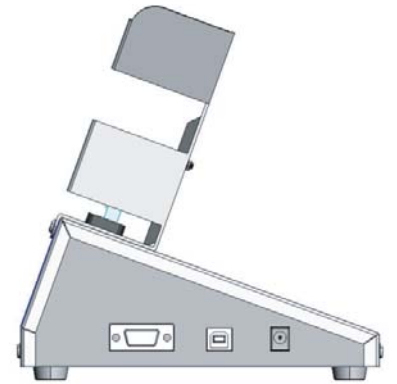
Troubleshooting

Symptom	Cause	Suggested Action
LED does not light when the cradle is powered on.	Cradle is not receiving power.	Make sure the power supply is securely connected and receiving power.
LED stays green when the terminal is inserted.	Terminal is not seated firmly in the cradle, or the battery is not properly installed in the terminal. Battery is charged.	Make sure the battery is properly installed in the terminal, and reseat the terminal in the cradle. Normal status.
LED stays red for more than 6 hours.	Battery faulty and can not be charged.	Replace battery with an AML approved battery.

The ACC-7035 Cradle's Communication Ports

The M7100 handheld terminal has 2 different styles of communications ports, RS-232 (RJ-45) and USB (Type II). The ACC-7035 Cradle also has 2 communications ports, RS-232 (DB-9) and USB (Type II). The ACC-7035 Cradle uses a standard RS-232 (DB-9 Male – DB-9 Female) cable. The USB and RS-232 cables must be 3 meters (9.8 feet) or shorter.

Note: Communications are only possible through the first slot of the 4-Position Terminal Charger, all other slots are not connected to the communications ports.



Both communication connectors on the side of the ACC-7035 cradle are wired "straight through." This means that the communications settings on the M7100 handheld terminal will determine the settings on the communication cradle. The ACC-7035 Cradle has no internal or external settings that can be changed.

The slower RS-232 communication port is primarily used for uploading and downloading of data files to the M7100 Batch handheld terminal. File transfers for the M7100 RF handheld terminal can be done using FTP. For more information on FTP see the "FTP" section of the M7100 User's Guide.

The high speed USB data port is primarily used to load a new or updated operating system into the M7100 handheld terminal. Use the AML USB Flash utility software to load the operating system.

DB-9 Pin out (RS-232)

- | | |
|--------------------------------------|----------------------------------|
| 1 – DCD (Data Carrier Detect) | 6 – DSR (Data Set Ready) |
| 2 – RXD (Receive Data) | 7 – RTS (Request To Send) |
| 3 – TXD (Transmit Data) | 8 – CTS (Clear To Send) |
| 4 – DTR (Data Terminal Ready) | 9 – NC (No Connection) |
| 5 – GND (Signal Ground) | |