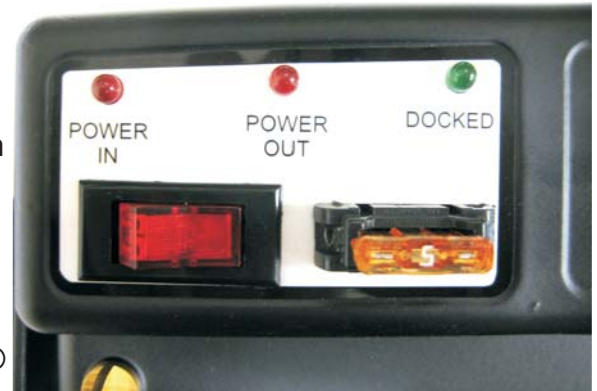


# PAN1 Toughdock User Guide for CF-28, 29, and 30

The purpose of this document is to help you operate and troubleshoot your Toughdock, please contact us or your Local RAM re-seller for further assistance if needed.

## LED'S:

- \* **Power IN:** Indicates 12-28vdc is supplied to Toughdock. (Toughdock draws 3 amps from a 13.8V source to power Toughdock and Toughbook®)
- \* **Power OUT:** Indicates 15.6vdc is available for Toughbook®.
- \* **Docked:** Indicates Toughbook® is docked with Toughdock when the Toughbook® is powered on.



## POWER SWITCH:

- \* **Switched ON:** Power is supplied to Toughbook® and Port Replicator from external source.
- \* **Switched OFF:** If Toughbook® is ON and docked, Toughbook® will supply power to Port Replicator.



## RF Jack: Co-axial



## Power cable:

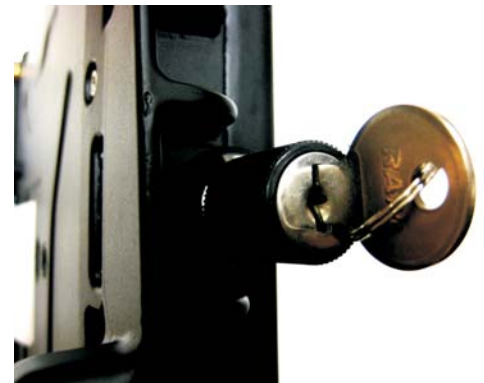
Black wire: Ground  
White wire: 12-28vdc



## Power Jack



**Lock:** Counter Clockwise to release, Clockwise to lock. (Keys are coded to Lock. Use of wrong keys may damage lock.)



# PAN1 Toughdock User Guide for CF-28, 29, and 30 (Cont.)

The purpose of this document is to help you operate and troubleshoot your Toughdock, please contact us or your Local RAM re-seller for further assistance if needed.

## Port Replicator: (All functions labeled on dock)

- \*VGA out: D-sub 15 pin.
- \*Mouse: Mini-DIN 6 Pin.
- \*Keyboard: Mini-DIN 6 Pin.

- \*USB: External USB 2.0
- \*DC Jack: Non Functional.
- \*Mic: Mono phone jack.
- \*Speaker: Speaker/Headphone Stereo phono jack.

- \*Printer: Parallel port D-Sub 25pin.
- \*Serial: Serial port D-sub 9pin.
- \*Network: RJ45 connection.



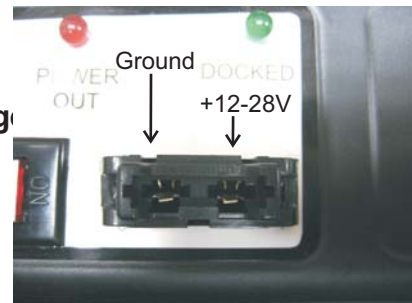
## Troubleshooting:

### Problem:

**Power In/Out LED's will not light and/or Toughbook® will not charge**

### Solution:

1. Switch power switch to ON position.
2. Make sure fuse is intact and properly seated.
3. Make sure power cable is firmly attached to power jack and external 12-28vdc.
4. Remove fuse, and with voltmeter check voltage across fuse terminals. If polarity is reversed Check all connections; reverse power cable if necessary.

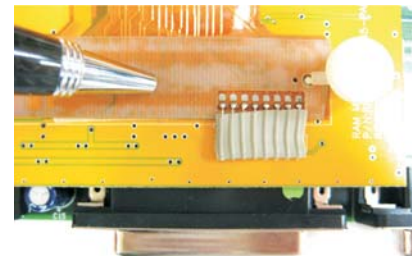


### Problem: Toughbook® will not dock with Toughdock.

### Solution:

1. Make sure latch is fully engaged.
2. Remove Toughbook® from Toughdock, make sure Ribbon Cable is fully seated; if loose align ribbon cable and press firmly (see A). Use a blunt object to avoid damaging the ribbon cable.

A →



Latch



Docking Area



Internal view of ribbon connector and Port Replicator 1