

Dolphin® 7200 *HomeBase™* *Communications/Charging Cradle*



Features

Intelligent Battery Charging

Spare Battery Charging

Status Lights Show Charging and Communication Status

Communicates Via Infrared to RS-232 Serial Port

Network Capabilities

The Dolphin 7200® HomeBase™ is a charging and communication cradle for a Dolphin handheld computer. The HomeBase is a safe, convenient storage holder for a Dolphin terminal and a spare charged battery pack. The cradle is compatible with all models in the Dolphin 7200 family of handheld computers.

The HomeBase cradle can charge a Dolphin terminal and a spare battery pack simultaneously yet the terminal and spare battery charge independently. HomeBase senses when a battery pack is fully charged and then drops to a trickle charge to keep the battery at full capacity which protects batteries from damage caused by overcharging.

Users can monitor the status of communications between the host computer and a Dolphin terminal with the COMM LED and note charging status for spare battery pack with the CHARGING AUX BATT LED. An infrared data port uploads/downloads data to the Dolphin terminal at rates up to 115K baud without breakable mechanical connectors.

Multiple HomeBase cradles can be connected and networked to a single serial port on a host computer for mass programming and charging as units are individually addressable.

Structural

Dimensions:	5.5 x 5.4 x 4.8 in. (14.2 x 14.0 x 12.5 cm)
Weight:	29.6 oz. (839gm)
Material	
Case:	PC/ABS
Color:	Black
Mount:	Desktop or rail

Environmental

Temperature Operating:	14° to 122°F (-10° to 50°C)
Storage:	-4° to 158°F (-20° to 70°C)
Charge:	32° to 113°F (0° to 45°C)
ESD:	8KV
Humidity:	90% relative humidity (non-condensing)

Communication

Infrared Transceiver:	IrDA
Configuration:	May be configured individually or as part of a network
Interface:	RS232 Interface from Dolphin to any standard RS232 device
COM LED:	Red LED - Data is being sent from the Host Device to the Dolphin HomeBase Green LED - Data is being sent from the Dolphin HomeBase to the Host Device Orange LED - Data is being sent at high data rates

Charging Modes

Standard Charge:	Completes 100% charge in 3 hours. Automatically switches to trickle charge to maintain the battery at full capacity indefinitely
Condition and Calibrate:	Completely discharges and charges batteries in under 6 hours. Resets and calibrates battery data to ensure terminal battery status (gas gauge) is accurate
Charging Main Batt LED:	Solid green when Dolphin terminal is properly seated in HomeBase.
Charging Aux Batt LED:	OFF - Battery pack not properly inserted into the auxiliary battery well, or the HomeBase has no power Red - Battery discharging Blinking red LED - Charge cycle initializing Blinking orange LED - Battery charging at the maximum rate Solid green LED - Trickle charging; battery pack is ready for use

Agency Approvals

Charger:	CE Marking (EMC)
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Worldwide Offices

Offices Serving North America
Skaneateles Falls, NY
Tel: +1 315 685 8945
or, in North America: +1 800 782 4263
sales@hhp.com
Charlotte, NC
Tel: +1 704 998 3998
or, in North America: +1 800 782 4263
sales@hhp.com

Offices Serving Europe, Middle East, and Africa
Europe
Tel: +31 (0) 40 29 01 600
euro_sales@hhp.com
United Kingdom
Tel: +44 (0) 1 925 240055
euro_sales@hhp.com
Ireland
Tel: +353 (0) 502 44007
euro_sales@hhp.com

France
Tel: +33 (0) 1 461 04111
euro_sales@hhp.com
Germany
Tel: +49 (0) 7 477 151377
euro_sales@hhp.com
Spain
Tel: +34 93 228 76 68
euro_sales@hhp.com

Offices Serving Asia and the Pacific Rim
Hong Kong
Tel: +852 2511 3050/2511 3132
asia_sales@hhp.com
Japan
Tel: +813 52127392
asia_sales@hhp.com

Offices Serving Latin America
Naples, Florida
Tel: +1 239 263 7600
la-sales@hhp.com
S, o Paulo
Tel: +55 11 5016 3454
la-sales@hhp.com
Rio De Janiero
Tel: +55 21 2494 7060
la-sales@hhp.com

Web Site Address www.hhp.com

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