

# Hand-Held Printers

## DPU-3445 Portable Printer

Designed for use with a growing variety of mobile wireless devices, Seiko Instruments' DPU-3445 Hand-Held Thermal Printer introduces new portable printing capabilities in the most compact and lightweight IR printer available. IrDA (Infrared Data Association) and RS-232C interfaces make the DPU-3445 the perfect companion for applications ranging from medical instrumentation to route sales, industrial test and measurement to utilities, smart cellular phones to PDAs (Personal Digital Assistants/Hand-Held PCs) and retail.

- Portable size 160mm x 164.2mm x 59mm (WxDxH) lightweight 370 grams, including battery
- High resolution printing (8 dots/mm)
- IrDA (Infrared Data Association) 1.0 Standard Cordless Interface
- RS-232C Interface for PC/LAN, hand-held test instrumentation
- 112mm paper width (104 print width)
- Low-power consumption 7.2VDC Lithium-ion battery with external charger
- Automatic paper feed, energy-saving turn-off



### Ideal Companion For Hand-Held PCs

**Windows® CE and Windows® 95/98 Compatible**

The DPU-3445 is perfectly suited for use with many emerging hand-held PCs, like Casio's Cassiopeia PA-2400 and other PDAs (personal digital assistants) like the Palm III™ from 3Com. The DPU-3445 is Windows® CE and Windows® 95/98 compatible, so having a printed record is no different than the screen in your hand.



Item	Specification
Printing Method	Thermal
Characters per line	52**
Character size:	
(HxW) 1 byte characters:	24 dots x 12 dots
(HxW) 2 byte characters:	24 dots x 24 dots
Dots available	832 dots
Dot density	8 dots/mm
Dots per line	832
Printing	paper width 112mm print width 104mm
Printing speed	50 mm/s maximum (520 cps)
Operating temperature	5° to 40°C
Related Humidity	30% to 80% (no condensation)
Dimensions (W x D x H) (with paper holder)	160 x 89 x 29.5mm** 160 x 164.2 x 59mm
Weight	Approx. 245g (main unit only)
Interfaces	RS-232C/IrDA (see opposite side)
Power Supply	Battery 7.2VDC/AC Adapter (see opposite side)

\*\* 1 byte characters, four dots between characters  
\*\* Excluding projections

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### Ready To Print Anywhere

Capable of meeting the mobile environment's demand for durability and reliability, this compact performer features a Lithium-ion battery with an optional external charger and 4K-bit internal memory. You can be assured of excellent resolution in characters and graphics, and a 50mm/sec print speed. Couple these outstanding features with RS-232C or IR wireless versatility and a print width of 104mm, and you've got the answer to your portable and mobile print needs at a price that's as easy to live with as the DPU-3445 is easy to carry. You can also put this compact unit in many instrument cases or holders, making "hands-free" use a reality.



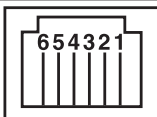
#### Interface Specifications

##### Serial interface

Printer connector:	Modular jack, 6 pins HJC0295 (HOSHIDEN)
Interface cable connector:	RS- 232C
Printer:	Modular plug, 6 pins, 6 conductors
Host computer:	Depends on model type.
Interface cable: with shield cable core	1.8 m (length) (recommended)

##### Connector signals

Pin	Signal
1	RXD
2	TXD
3	BUSY
4	CHK
5	SG
6	FG



on the printer side

##### Infrared transmission

IrDA Ver. 1.0

#### Battery Pack (BP-3007-A1) \*2

##### Specifications

Battery	Lithium ion
Rated voltage	7.2 VDC (Max. 8.4 V)
Rated capacity	1500mAh
Operating temperature	-10°C to 60°C (discharging) 0°C to 40°C (recharging)

#### Battery charger (BC-3008-W1) \*2

##### Specifications

Input voltage	100-240 VAC, 50/60 Hz
Output capacity	10W (recharging 100 V) 17W (recharging 240 V)
Rated output	DC8.4V, 0.6A
Specified battery	BP-3007-A
Operating temperature	0°C to 35°C
Dimensions (W x D x H)	38.4 x 20.6 x 70.8mm*1
Weight	Approx. 120g*1

#### AC Adapter (PW-3009-W1) \*2

##### Specifications

Input voltage	100-240 VAC, 50/60 Hz
Output capacity	9.3 VDC, 3A
Operating temperature	0°C to 40°C
Dimensions (W x D x H)	128 x 49 x 25.4mm*1
Weight	Approx. 200g*1

\*1 Excluding power cable

\*2 Optional