

## Motorola MC55 - The entry-level unit for PSV3 solutions



Extensive communication capabilities in a single device with a compact design and premium price - performance ratio - **GSM / GPRS / UMTS, WLAN and Bluetooth integrated**

The MC55 is extremely handy and compact, it has a 1/4 VGA touch display (3.5 inches), powerful batteries (2,400 / 3,600 mA) and is designed for the professional use (IP54).

He offers the comprehensive, integrated functionalities. The robust PDA provides four optional connection standards in one device: GPRS / EDGE, WLAN, Bluetooth and GPS.

This not only enables voice and data communication, but also makes navigation solutions possible through a single device. The use of different terminals is no longer necessary.

The MC55 from Motorola is suited for use in various application areas.

Adding to its compact design are the ease of use, high flexibility of the device and its light weight (only about 340 Grams, including battery) - features that also in particular increase user acceptance.

### Characteristics

- One of the most powerful available battery (5000 mA) allows for a whole day of productive use of all integrated technologies.
- Wide range of available accessories
- Barcode scanning with the integrated scanner or imager
- Color photography with the integrated 2-megapixel camera
- With its full VGA display (3.7 inches) - here the MC55 is a leader in its class - the unit provides the optimal presets for the detailed presentation of content.
- Robustness: Withstands drops from 1.50 m drops to concrete

## Product Information - HARDWARE

### PROCESSOR AND MEMORY

- Marvell® XScale PXA270 520MHz
- 128MB RAM, 256MB Flash,
- microSD card (SDHC compatible)

### OPERATING SYSTEM

- Microsoft® Windows Mobile 6.1® Classic/Professional

### WIRELESS COMMUNICATION

#### WLAN/PAN Options

- 802.11b/g
- Bluetooth v2.0, class II

#### WWAN Options

- GSM/GPRS EDGE 2.5G
- Integrated antenna

#### Global Positioning System

- GPS receiver (SIRF III), assisted GPS, integrated antenna

### BARCODE APPLICATIONS

- 1D Laser Scanner
- 2D Imager Option

### CAMERA

- Farbe, 2 Megapixel
- Auto Focus with flash (LED flash)

### USER INTERFACE

- 3.5"VGA Touch Display (240×320 Pixel)
- Keyboard (backlit)
  - QWERTY
  - Numerisch
- Speaker
- Microphone/Receiver

### ACCESSORIES FOR POWER SUPPLY

- Universal power supply (110/230 Volt)
- Adapter for cigarette lighter

### EXTERNAL DOCKING PORT

- USB 1.1 Host / Client

### POWER SUPPLY

- 2.400 mAh Lithium Ion battery (8,9 Wh)
- Optional 3.600 mAh Lithium Ion battery (13,3 Wh)

### APPLICATION AREA

- Operating temperature: -10°C to +50°C
- Storage temperature: -40°C to +70°C
- up to 95% (not condensing)
- Rain/Dust: IP64-sealed
- Withstands multiple drops from 1.2 m onto smooth concrete
- ESD: +/- 12KV

### DIMENSIONS AND WEIGHT

- 152mm x 77mm x 27mm (incl. antenna)
- 340 g incl. battery (2.400 mAh)

### ACCESSORIES FOR COMMUNICATION

- Single Docking Station
- Quad Docking Station
- Powered Vehicle Cradle
- Non-Powered Vehicle Cradle

### ACCESSORIES TO WEAR

- Hand Strap
- Various Bags

### CERTIFICATIONS

- CSA, CE
- FCC, ETSI
- WEEE