

**MAYCOM**  
AUDIO SYSTEMS



# **HANDHELD**

**SINGLE HANDED NEWS GATHERING**

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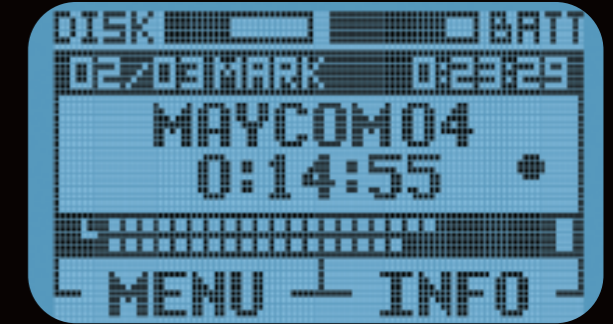
# HANDHELD

SINGLE HANDED NEWS GATHERING



## IDLE SCREEN

When the HandHeld is switched on, the display shows the idle mode. In a glance this display informs the user about the current status of the HandHeld and detailed item information. The two bars on top of the display indicate remaining disk space, and battery or accu capacity. The item number shows all necessary details of an item including marker information and a time stamp. The bottom part shows the function of the two function keys below the display.



## RECORD SCREEN

In recording mode, the HandHeld display shows the user all necessary detail for making a controlled recording. Data like remaining disk space, and battery or accu capacity are displayed at the top of the display. The item number is followed by the recording dot and the length of the recording. A peak level bar including an overload indicator ensures total control over signal levels and recording quality.

Ever Since the first development of a flash based portable recorder Maycom continuously invested in new technologies focused on size, features and ease of use. This work has resulted in the worlds smallest professional MPEG-2 recorder enabling professional users to take full benefit of today's field recording requirements.

With the HandHeld II Maycom is now able to deliver a fast and reliable recording device that fits in the palm of your hand. With all its possibilities and wide scale of accesoires it truly has become a full grown concept.



## CLEVER RECORDING AND PRE-RECORD BUFFER

Recording has never been so easy:

- 1-Switch on the unit
- 2-Slide the red record switch in pre-recording. You now will be able to check and adjust your gain level. The pre-record buffer will store to 30 seconds max.
- 3-Push the marker button. Recording has now started and your first marker is set. By setting the pre-record buffer you are sure you will never miss a recording.



## SUPERB SOUND QUALITY

Clearly the digital audio quality of the HandHeld is of an unmatched level. Besides linear, the HandHeld records in all bitrates of the MPEG-2 Layer 2 standard in mono and stereo. To match this Encoding quality Maycom only used A-brand components and balanced input amplifiers. The HandHeld II is equipped with a high Quality internal microphone. Off course there is the option of connecting an external microphone.



## COMPACT FLASH STORAGE

The recordings including their marker information are stored on a removable Compact Flash Card. These card provide large storage capacities (up to 2GB) in combination with a small form factor. The cards carry the DOS file format and can be read in any PC equipped with a CF-Card Reader. When the Broadcast Wave File Format (.BWF) is selected files are compatible with all major brands of broadcast automation software.



## FAST AND RELIABLE USB CONNECTION

The USB interface on both the handheld and the docking station provides a seamless connection to the studio automation equipment. If used under Windows, MacOS or Linux the HandHeld appears as an external disk in your file explorer window or your file open menu of your application. There are no drivers needed so really plug and play. Both audio and marker information will be transferred.



## SMART BATTERY SYSTEM

In order to power the HandHeld Maycom has chosen for a smart battery system, wich combines a 720mAh NiMh battery pack with a small micro controller. This micro controller keeps track of all operating parameters of the battery power, no memory effect, and a longer life of the batteries. On top of that, a LED bar provides a power check on the pack itself.



## HANDHELD DOCKING STATION

The HandHeld Docking Station acts as a desktop communication station. Next to a built-in battery charger the Docking Station supports XLR stereo inputs and outputs and a (car) adapter/charger. The unit is also equipped with an USB port for high-speed audio transfer between recorder and computer.



## CONCEPT ACCESORIES

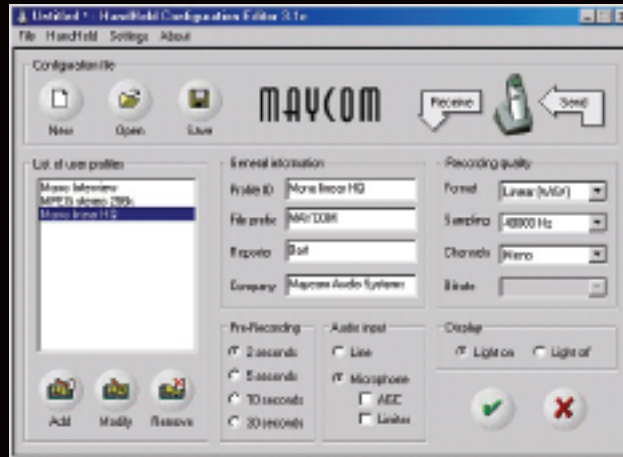
Maycom specially designed accesories are: small pouch and concept pouch , USB cable, mono/stereo cables, stand-off for docking station, Tripod, windshield for outdoor use, etc.

## NEW PRODUCT RELEASE

End 2004 Maycom will introduce an absolute unique accesory. A direct MPEG-2 4-channel editing program within an USB-key. Your tool for on-demand editing and storing.

## YOUR PERSONAL MULTI USER PROFILES ▶

To protect a user for accidental changes in the configuration, all technical settings are stored in a profile that can be selected by the user but only be changed by a supervisor. For managing this profiles, Maycom developed a unique and simple profile editor. This configuration editor enables manual adjustment of the recording algorithm (linear or compressed), the record mode (mono, stereo), bitrate and sample rate. Furthermore the software controls the handheld inputs, pre recording loop time, and display settings.



### TECHNICAL SPECIFICATIONS HANDHELD

#### Audio

Signal/noise ratio	> 80dB
Crosstalk	< 80dB
Frequency response	20Hz - 20.000Hz
Harmonic distortion	< 0.005%

#### Recording

Audio processing	linear / MPEGII layer II
Audio modes	mono / stereo
Bit rate	8 kbps to 384 kbps
Sample rate	16 kHz up to 48 kHz
File formats	Broadcast wave BWF

#### Input

Analogue in	2 x balanced mic/line inputs
Internal microphone	omni-directional electret microphone (20Hz - 20.000Hz)
Audio switches	input (line/mic); limiter (on/off); AGC (on/off)

#### Output

Analogue out	2 x unbalanced outputs
Headphone out	1 x 3.5 mm stereo jack
Loudspeaker	internal 0.5 Watt

#### Interface

Storage media	removable Compact Flash card (the HandHeld is tested and guaranteed only with use Maycom supplied Compact Flash card)
Digital in/out	USB 1.1 (Windows compatible disk emulation)

#### Power

Batteries	4 AAA-sized Alkaline batteries
Battery Pack (opt)	rechargeable NiMH smart battery pack 720 mAh

#### Additional

Environment	operation: 0°C to +70°C storage -25°C to +85°C
Dimensions	LxWxH = 178x64x30mm (including battery pack)
Weight	0.3 kg (including battery pack)