

mAVR H.264x4

Miniature Audio Video Recorder

Aiming to offer advantage and capabilities, we are doing our best to maximize effectiveness of the products we produce.

Today we feel proud to present the upgraded mAVR H.264x4 with unique characteristics:

- improved video recording quality (due to enhanced bitrate),*
- opportunity to use four SD cards: each up to 32 Gb,*
- enhanced battery life – 8h.*



Opportunities and advantages

MAVR-H264x4 is intended for professional recording of video and audio data either from an external source or from built-in video camera and microphone onto SD or SDHC flash memory cards with subsequent decoding (converting) and possibility of playing back the recording on a computer.

The recorder provides the opportunity to insert up to 4 memory cards with capacity up to 32 Gb for alternate recording.

The recorder has an extremely small size and weight, high recording density, low power consumption, 20 kHz frequency band, and a wide dynamic range up to 92 dB. The device has built-in sensor with improved video parameters and touch-sensitive control with keyboard lockout capability.

Among the main distinctions are:

- Video recording either from an external source or from the built-in recorder video camera (mp4 format), providing resolution 640x480 for video camera or 720x576 (for an external source);
- Option to set video signal parameters (brightness, contrast, saturation, color);
- Starting the recording by switch, timer, control input signal, motion detector or VAS (Voice Activating System) actuation;
- Prehistory recording and opportunity of linear and loop recording onto memory card (one or several);
- Power supply either from an external source or by built-in Li-ion rechargeable battery. When powered from an external source rechargeable battery is charging;
- The recorder can provide power supply for an external power consumer (for example video camera) with output voltage option (5 or 12 V);
- Parameters setting, using menu in the recorder or with the help of Manager Program available on CD, included in the delivery set.

Additional options

- recording activation by Voice Activation System, i.e. VAS, when the audio signal exceeds the threshold, by command - from a motion detector;
- flickering elimination;
- noise-suppressor, destined for adjusting the noise-suppressing system of the built-in video camera;
- capacity of textual marking of the recording;
- opportunity to define the location of the video recorder during the recording process, using GPS signals, to reflect this data in the recording and then to save it on the SD (SDHC) card with the help of the an optional accessory GPS-receiver.
- built-in clock and calendar with an option to adjust their accuracy.

Delivery set

- Audio-video recorder;
- Video Input cable with the remote control (intended for distant on-off recording using the button as well as for connection to the external source of video frequency signal);
- Power adapter;
- Rechargeable battery BL-5B (Li-Ion);
- SD-card with a capacity of 2 GB;
- Software CD; Instructions.

Optional accessories

- External microphones - for sound stereo recording.
- GPS-receiver - to define the location of the video recorder during the recording process, using GPS signals (Global Positioning System), to reflect this data in the recording and then to save it on the SD (SDHC) card.
- Analog-to-Digital Adapter- widens security opportunities of the recorder: it allows to connect analog and digital detectors, that will activate the recording. The recording will contain the date and the name of the activated recorder (the status is printed on the recording and can be read while playing back).

Technical characteristics

Dimensions		82x70x15 mm
Weight		110g
Video	Compression of video signal:	AVC (H.264)
	Bit rate of video signal:	up to 3584 kb/sec
	Frame rate of recorded video input	up to 30 frames per second
Video input	Supported formats	NTSC, PAL, SECAM
	Maximum resolution	720 x 480 in NTSC, 720x576 in PAL, SECAM
Audio	Amplification control range	60 dB
	Dynamic range	92 dB
	Frequency range	80-20,000 Hz
	Capacity	16 bit
Additional	SD memory card capacity	up to 2 GB
	SDHC memory card capacity	4-32 GB
	Rechargeable battery	Li-Ion
	Battery life in record mode	8 hours
	Record time	in best quality - 1h on 1Gb,
	Rechargeable battery charging time	about 5 hours
	External video camera current	150 mA
	Operating temperature range	0...+40° C (32...+104°F)
Warranty period	1 year	