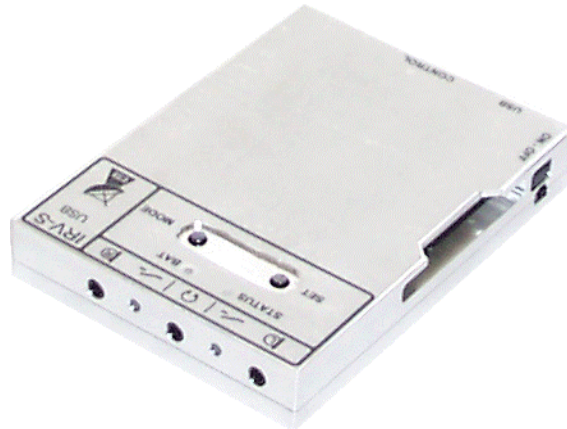




**Digital Recorder – IRV-S USB**  
**560 100 0024**

## Recording Technology – 560



### Digital Recorder – IRV-S USB

#### General

The IRV-S is a two-channelled digital audio recorder. Recording takes place on Compact Flash-Discs, Micro Drive-Discs or any other storage media in the Compact Flash-format type I, which support the IDE Mode 2 interface. Recommended are Compact Flash memory cards provided by ScanDisk. The maximum recording time depends on the data carrier's storage capacity, but, however, up to 1000 hours can be achieved.

The IRV-S saves the data to a digitally encrypted record. Only the delivered software enables the decoding into a common WAV-format.

#### Technical Data

Channels	2
Audio band width	16 kHz / 7.6 kHz / 3.6 kHz
Compression rate	1 / 3 / 4 / 5 / 8
Recording time (at 1 GB) <i>depending on audio band width and compression rate</i>	1 Channel: 4:10 ... 133:33 h 2 Channel: 2:05 ... 66:46 h
required storage capacity per channel	7.3 ... 235 MB/h
Input sensitivity (based on full conduction)	2.5 mV 5 mV 10 mV 20 mV (2 k $\Omega$ ) 700 mV (43 k $\Omega$ )
VOX	
- sensitivity (based on input sensitivity)	20 $\mu$ V – 800 $\mu$ V
- follow-up time	10, 15, 20, 30, 45, 60 sec.
- switch on delay at VOX stand-by (fast)	ca. 20 ms
- switch on delay at VOX stand-by (slow)	ca. 1.0 s
Signal-to-noise ratio at compression rate 4	82 dB
Distortion factor at 1 kHz	<1%
Signal level headphones OUT	500 mV
Power supply	3.8 ... 10 V DC
Power consumption	
- recording	50 ... 100 mA
- ready for operation	40 mA
- VOX-stand-by (fast)	35 mA
- VOX-stand-by (slow)	15 mA
- stand-by without VOX	1 mA
Range of working temperature	0 ... 60° C
Dimensions	99 x 71 x 15 mm
Weight	100g (only CF-Card and batteries)



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