

# IR 44 CF-II

## Next-Generation Digital Recording. VoiceCollect® IR 44 CF-II recorder: extremely compact design, removable archiving medium, direct access to recordings.

The new IR 44 CF-II from VoiceCollect® heralds the next generation of digital voice recording systems. Its compact design and impressive characteristics make the IR 44 CF-II the ideal solution for all **mobile** and **semi-mobile** applications. Due to this concept, the system is also perfectly suited for use in small control centres run by law enforcement agencies and other organisations involved in safety and security.

With the IR 44 CF-II system, all recorded calls are archived on removable CompactFlash cards. The IR 44 CF-II comes optionally with two or four recording channels. In the case of analogue telephone lines, the system analyses DTMF, caller ID and CLIP information. With ISDN connections, the D channel protocol is evaluated. All recordings are archived with time and date stamps. The internal time base can be synchronised with the VoiceCollect® protocol using a DCF77 receiver or other time source.

The device is operated using function keys and an LCD display. Calls can be recorded and played back simultaneously, independently of each other. An integrated, adjustable loudspeaker is available for local replay from the device. Moreover, there are also connections on the front panel for headphones and for output to an auxiliary device. The "NET" version of the IR 44 CF-II, which is specifically designed for use in a network, is controlled completely via the LAN and therefore not equipped with an operating panel.

Calls can also be replayed via a TCP/IP network with the assistance of a software client. A player application is available for playing backstored calls from the CF card on a desktop PC or notebook. Recordings can be exported as standard WAV files or in our own proprietary format and stored on any medium for further processing / archiving. The AudioCenter software developed by VoiceCollect® additionally allows automated call archiving over a LAN.



### Particular performance characteristics:

- 2-channel or 4-channel recording
- Call archiving on CF cards
- Extremely simple operation via function keys on the device
- Optimised for mobile use
- Maintenance-free

<b>General</b>	<b>Design</b>	19" half rack, 3 U
	<b>Dimensions</b>	214 x 128 x 240 mm (W x H x D) Total installation depth approx. 300 mm (with connectors)
	<b>Front panel</b>	RAL 9006
	<b>Weight</b>	approx. 2 kg
	<b>Interfaces</b>	100Base-TX (LAN), RS-232, alarm relay
	<b>Time synchronisation</b>	NTP via network or RS-232
<b>Recording</b>	<b>Channel capacity</b>	2 or 4 channels
	<b>Interfaces</b>	2/4 x analogue or 2 x analogue + 1 x ISDN BRI
	<b>Frequency band</b>	300 to 3,400 Hz
	<b>Analogue specification</b>	Impedance: > 10 k, input voltage: 5 to 500 mV, potential-free
	<b>ISDN specification</b>	Parallel to NTBA, DSS1 protocol
	<b>Start of recording</b>	Analogue: voice triggering (VOX), contact triggering (COR), on-hook / off-hook recognition or manually ISDN: protocol evaluation
	<b>Recording formats</b>	VoiceCollect® format (legally admissible) or WAV format
	<b>Voice compression</b>	64, 32, 6.4 or 5.3 kbit/s
	<b>CF cards</b>	512 MB, 1, 2, 4, 8 or 16 GB (Speed 133x or 20 Mb/s)
	<b>Recording capacity</b>	210 (512 MB card), 840 (2 GB card) or 6.400 channel hours (16 GB card) at 5.3 kbit/s compression
<b>Storage management</b>	FIFO (first in, first out) storage or long-term archiving, manual overwrite protection, internal memory buffer for changing medium (4 to 50 minutes, depending on compression rate selected)	
<b>Operation</b>	<b>Display</b>	Alphanumeric LCD with 4 x 20 characters
	<b>Keys</b>	6 function keys and 4 channel selection keys with LEDs
	<b>Playback</b>	Built-in adjustable loudspeaker, connections for headphones and auxiliary output device. The exported recordings can be replayed with most standard audio players
	<b>IR 44 CF-II NET</b>	The NET version only allows operation via LAN as there are no integrated display, keys or replay functions
<b>Environmental conditions</b>	<b>Operating temperature</b>	0 to +50 °C
	<b>Storage temperature</b>	-10 to +60 °C
	<b>Relative humidity</b>	10 to 95 % (no condensation)
<b>Power supply</b>	<b>Input voltage</b>	12 to 15 V DC or 115/230 V AC (via power adapter)
	<b>Power consumption</b>	12 VA
<b>Scope of delivery</b>		min. 2 GB Cf Card, AC power adapter (230 V AC), operating manual on CD
<b>Options/ accessories</b>		<ul style="list-style-type: none"> <li>– Power supply: 24/48/60 V DC</li> <li>– Desktop housing</li> <li>– CF Cards with 2 GB to 16 GB capacity</li> <li>– Special front panel for integration into control centre console</li> <li>– Last Call Repeat software for call playback via LAN and from CF cards</li> <li>– WEBAccess application for playback, configuration &amp; administration</li> <li>– AudioCenter software for automatic archiving via LAN</li> <li>– DCF77 time signal receiver</li> </ul>

