



## RD2008 Code no. 171.15.002

### DIGITAL CASSETTE RECORDER/PLAYER FOR ANNOUNCEMENTS

The RD 2008 digital recorder can be used for recording and delivering announcements, alarm messages, advertising spots, etc. It offers two operating modes:

- recording/playback of 4 messages of 30 seconds each
- recording/playback of 2 messages of 60 seconds each.

As a source for recording messages, you can use the microphone on the front panel, an external dynamic microphone, or an external audio source (e.g. cassette player). At the moment of recording, you can decide whether to have the announcement preceded or followed by a warning signal (siren). The RD 2008 is equipped with an input for an external musical source, which is normally played in the areas covered when there is no announcement playback in progress. When an announcement is being played, this source is automatically excluded. TAPE IN input with adjustable sensitivity. o MUSIC IN input

Input for external microphone, with adjustable sensitivity

- Alarm button for transmitting an announcement with the maximum priority
- Monitor loudspeaker for local listening to messages.
- Volume control for messages, siren, and monitor loudspeaker
- Terminals for remote control of playback of 4 messages recorded in the unit and the siren signal where present
- Terminals for remote activation of the alarm function
- Auxiliary relay that switches to activate playback of a message
- "SIGNAL" and "PEAK" LEDs. o Micro-switches for setting siren duration

- Terminals for supplying the unit in direct current (24 V)
- Dual power supply in alternating current (115/230 Vac)
- Possibility to block the use of the front panel controls
- The unit can be configured so that when the alarm function is activated, the switching contact of an auxiliary relay inside the recorder is switched.

### SPECIFICATIONS

RD 2008	
Type	Digital recorder - Rack mount
Message memory	Eeprom, 100 years of retention
Recording cycles	100.000 cycles
Message warning signal	Siren
Message frequency band	20 Hz ÷ 3,8 KHz
Sampling frequency	8 KHz
Microphone	Electret - Unidirectional
Inputs - sensitivity	1 "MIC2" - 2,45 mV • 1 "MUSIC IN" - 775 mV 1 "TAPE IN" - 775 mV
Outputs - voltage	1 "AUDIO OUTPUT" - 775 mV
Remote control functions	Message playback • Alarm function
Power supply / Consumption	115/230 Vac (± 5%) 50/60 Hz / 10 VA
Backup power supply	24 Vdc
Dimensions	483 x 44 x 244 mm (1 RU)
Weight	3,5 Kg
Code no.	171.15.002

### SPECIFICATIONS

ST 4000Pro	
<b>FM tuner</b>	
Tuning range	87,5 - 108 MHz
Sensitivity (S/N 30 dB)	≤ 0,9 µV
Selectivity (±400 kHz)	65 dB
Frequency response	20 ÷ 15.000 Hz +5 dB / -3 dB
Distortion	0,2% mono / 0,3% stereo
Signal/noise ratio (1 mV)	70 dB mono / 65 dB stereo
Antenna provided	Telescopic for interiors, 75 Ω unbalanced
LF output voltage	600 mV / 2,2 kOhm
<b>AM tuner</b>	
Tuning range	522 - 1.620 KHz (9 KHz step)
Sensitivity	55 dB
Selectivity (±9 kHz)	30 dB (@ +/- 9 KHz)
Distortion	1 % (@ 85 dB/m)
Signal/noise ratio (5 mV)	50 dB (@ 94 dB/m)
Antenna provided	Loop for interiors
LF output voltage	170 mV / 2,2 kOhm
<b>General characteristics</b>	
Power supply	230 Vac 50 Hz / 6 W
Dimensions (LxHxP)	483 x 89 x 282 mm (2 RU)
Weight	3,0 kg



## ST4000Pro Code no. 171.20.059

### DIGITAL TUNER

The ST 4000Pro is an AM/FM frequency tuner providing advanced performance and great ease of use. Distinguished by stable reception and especially suitable as a radio source for background music. It has the following main features:

- can store up to 30 FM/FM Stereo stations.
- stores 30 AM stations.
- Sintonia manuale/automatica delle stazioni AM/FM.
- RDS functions including Program name, Program type, Clock (radio-controlled).
- Manual/automatic tuning of AM/FM stations.
- Simultaneous reading on large RDS display and tuned station frequency.
- Programmable timer for switching on and off.
- Standard FM and AM antennas for internal use.
- RF signal level indicator
- Audio outputs on RCA connectors.
- Kit for fitting on 19" rack 2U included