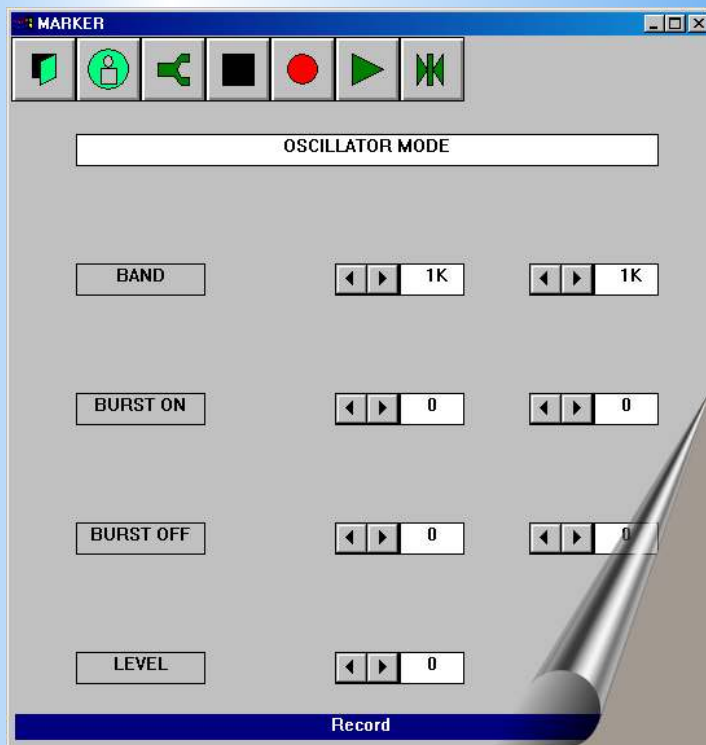


## MARKER

Digital Broadcast Reference  
Generator



## DESCRIPTION

The MARKER Digital Broadcast Reference Generator is a device aimed to allow the broadcast technician to accurately identify and mark audio channel, or set audio levels, composed of two high precision waveform generators (sine plus tone burst) and a Broadcast-quality diskless RAM recorder.

## APPLICATIONS

- In Broadcast studios or central dispatches
- As a general-purpose high precision audio generator

## FEATURES

- Control from local keyboard/LCD display or from external PC
- Fully RF filtered
- DSP-based for best possible quality, with robust V.11/V.28 communications
- Configuration kept in FLASH non-volatile memory
- 14 seconds of 16-bit stereo audio may be recorded on flash memory
- Fully EN 55103 compliant according to 89/336/EMC
- Two high quality independent sine/burst generators built-in, with frequency fully variable from 20 to 16kHz
- 48kHz internal sampling rate for best quality
- Burst on/off ratio fully programmable
- Includes a Windows™ 32-bit 98 or later configuration application

## SPECIFICATIONS

Freq. range	20Hz-16kHz
Freq. Precision	0.5%
CMRR	>70dB, 20Hz-20kHz
THD+N	<0.05% (20Hz-20kHz)
Waveforms	Sine, Burst
Sample rate	48kHz (32kHz on recorder)
Recorder	14 second capacity, stereo, 4:1 compression
A/D, D/A	24 bit
Resolution	16 bit
Dynamics	>85dB
Overload level	+10 dBu
Physical	19" rack, 1U, 350mm depth
Weight	3.0 Kg
Power supply	115/230VA @ 5VA
Operating temp.	0-40°C

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