



CTR4000 Range

DATA SHEET

Reliable 24 hour, & 960 hour
VHS recording



- 24 hours (CTR4024) or 960 hours (CTR4960) on E180 cassette
- Series recording
- Alarm search facility
- Forward & reverse playback
- Timer recording
- Easy to use on screen menus
- Reliable continuous recording
- Alarm event recording even in standby
- Key lock facility
- Jog/shuttle playback control

The CTR4024 & CTR4960 are highly reliable 24 hour & 960 hour VCRs designed to provide quick installation and ease of operation.

All programming is provided through simple and easy to navigate on screen menus.

The unit can be configured to record continuous mode, providing 24 hour coverage in any system, or it can be switched to alarm/event mode allowing the system to only record when it is in alarm even when the VCR is placed in the standby mode. The units are also fitted with battery back up allowing the unit to store all programming, even during the event of a power failure. The menu display will also provide the last four such power failures with the power off time and power on time.

The big display on the front of the VCR unit allows an update of the exact current settings and operation of the VCR.

The rear push fit connectors on the VCR allow connections of such features as alarms in and out, series recording, malfunction warning, multiplexer switch pulse, low tape warning and 1 shot recording.





CTR4000 Range

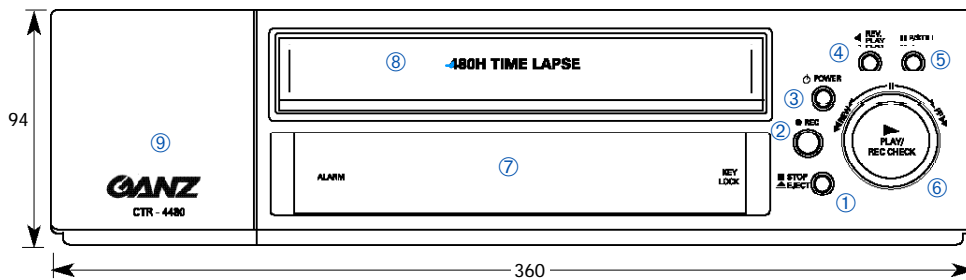
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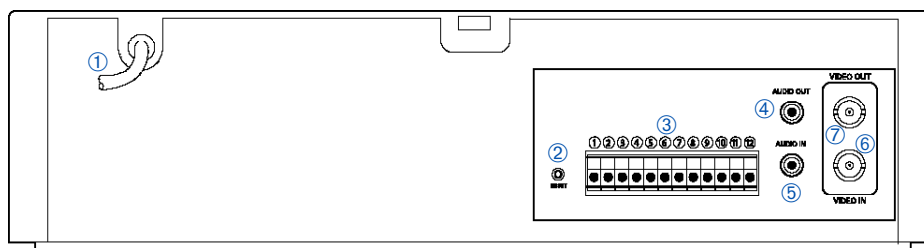
TECHNICAL SPECIFICATION

	CTR4024	CTR4960
TV System	VHS PAL	
Audio recording	Yes	up to 24 hours
Back up clock	30 days	
Recording speed	3, 12, 24	3, 12, 24, 72, 96, 120, 168, 480, 960
Recording system	4 head, azimuth helical scanning system	
Signal to noise ratio	>43dB	
Video input	1 x composite 1.0Vp-p, 75 Ω BNC	
Video output	1 x composite 1.0Vp-p, 75 Ω BNC	
Audio input	1 x line input -6.0dB, 47KΩ RCS	
Audio output	1 x line output -6.0dB, 47KΩ RCS	
Audio frequency range	200Hz 10KHz	
Resolution	300 TVL (colour) 350 TVL (b/w)	
Voltage input	AC 100 - 240V 50-60Hz	
Power consumption	15W	
Operating conditions	5 to 40°C, relative air humidity 80% non condensing	
Storage conditions	0 - 50°C, relative air humidity 80% non condensing	
Rewind time	60 seconds (E180)	65 seconds (E180)
Dimensions	360 x 94 x 270 (W x H x D)	
Weight	3.8Kg (approx)	

Features and specifications are subject to change for further improvements without any notice.

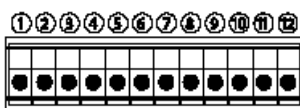


1. STOP /EJECT button
2. RECbutton
3. Power button
4. REV.PLAY button
5. P/STILL button
6. Shuttle control and Play button
7. Display
8. Cassette compartment
9. Control panel



1. Mains network power cable
2. RESET button
3. Activation in/out connection points
4. AUDIOOUT (cinch socket)
5. AUDIOIN (cinch socket)
6. VIDEO IN (BNC)
7. VIDEO OUT (BNC)

ACTIVATION IN/OUT CONNECTION POINTS



- | | |
|---------------|--------------------|
| 1. ALARMIN | 7. WARNINGIN |
| 2. ALARMOUT | 8. TRIGGEROUT |
| 3. ALARMRESET | 9. GND |
| 4. GND | 10. LOW TAPEOUT |
| 5. SERIESIN | 11. 1 - SHOTREC IN |
| 6. SERIESOUT | 12. GND |