electrosec®

VCS-48DL 48 CHANNEL VIDEO/AUDIO SWITCHER(LOOP OUT) USER MANUAL

VCS-48DL







SPECIFICATIONS

* 48 Camera Inputs, Audio, Remote Control
* Programmable 48 Video Loop Out support
* Parallel control 4 monitor video and audio output
* 5 digit Extra control unit included
* Optional LCD Keypad Control
* 50 step Digital Volume Control Circuit
* 240 Sec. Digital Control (auto sequence function)
* Digital BY-PASS Control
* Automatic and Manual display
* Video Recorder Input and Output
* Microprocessor Controlled
* Compatible with color or / S/B cameras

TECHNICAL SPECIFICATIONS

Input Voltage	:	AC 220V ±%20
Power Consumption	:	12V. / 4 Watt
Operating Temperature	:	0°C to +60°C
Video Input	:	1.0 Vp-p / 75 R
Monitor Video Output	:	1.1 Vp-p / 75 R
Video Bandwith	:	2.0 Mhz. ± 3db.
Video Connector Type	:	BNC
Audio Connector Type	:	RCA
External Control Output:		4 pin Mike Connector
Audio Input	:	<200Mv.
Audio Output	:	8R/4W (Digital)
Dimensions	:	525x132x240 (mm)

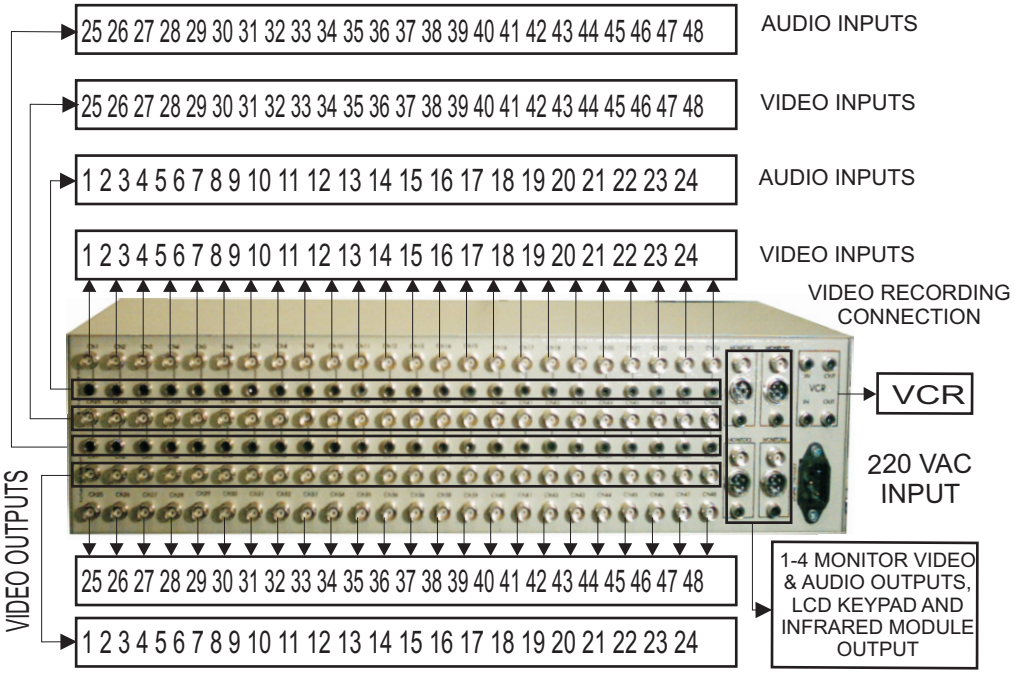
PHYSICAL LIFE
7 years

MAINTENANCE
Keep the device dry, if it gets wet dry immediately, liquids contain harmful ingredients for electronic devices. Keep in normal temperature, heat changes shortens physical life, damages plastic parts.

USAGE FAULT
Voltage changes or faulty electric network, problems caused by usage in different voltages other than mentioned on product label, usage other than mentioned in users manual are out of warranty.

CARRYING INSTRUCTIONS
Device should be fixed on a flat ground, do not keep in humid or wet places.

SWITCHER CONNECTIONS



IMPORTANT NOTICE

1-) Video inputs are BNC type. Connection cables from cameras to video inputs should be coaxial type. Attach outer connector inside live cable. Incorrect connection may cause interference on video signal.Audio inputs should be RCA jack. Attach outer RCA jack to outer coaxial cable. Attach inner cable to dedicated camera audio input.Attach outer coaxial cable to (-GND) jack of the power supply.
2-) Make sure that monitor and TV inputs attached to Video outputs are 75R.Measure before power connections.If the measurement is not 75R , make a parallel connection to video out cable of Monitor or TV and use a 75R resistance.
3-) Remove power cable and attach LCD KEYPAD or additional infrared module socket connector.
4-) Use same AC phase for VCS-48DL 220 input, Camera power supply 220 Vac. input, TV or Monitor 220 Vac.input, to avoid display problems.

LOOP CONTROL: To get parallel output from cameras ; press ST-BY for 10 sec. and wait until Loop text appears on 5 Digit display. Select related channel and change mode to H1. Press ST-BY to exit from LOOP. Factory settings default is Lo . This setting is stored in memory in case of power cuts.

FUNCTIONS AND PROGRAMMING

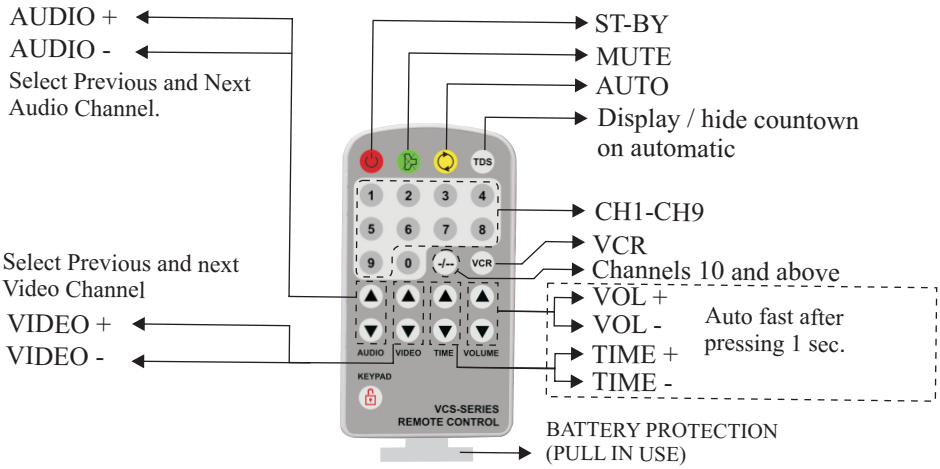
There is no control unit on VCS-48DL can only be controlled with Extra 5 digit unit or LCD keypad. 1 Extra 5 digit control unit is included with VCS-48DL You can connect 4 units to control 4 different displays but video channels can not be control separetly

EXTRA 5 DIGIT CONTROL UNIT

See user manual for connection and features



REMOTE CONTROL KEY FUNCTIONS



Select Channel Keys

1-9 Keys are used for selecting cameras. Pressing the key displays related camera.

-/- Is used for choosıng channel 10. and over. When this button is pressed "C--" will light then you sellect the channel desired.

PROGRAM KEYS

AUTO Key has two functions.
1.Automatic Display; Auto sign appears on screen and all channels are displayed
2.Countdown Display; On auto function display/cancel channel countdown.
If minimum 2 channels do not have countdown settings Error sign appears on screen.
The settings are stored in memory for power loss.

TIME+ Use this key to increase digits. Each press increases one.
Pressing for more than 1 second activates automatic increase. If OFF status is selected related channel will not appear on Automatic Display. The settings are stored in memory for power loss. Max 240 Seconds.

TIME - Use this key to decrease digits. Each press decreases one.
Pressing for more than 1 second activates automatic decrease. If OFF status is selected related channel will not appear on Automatic Display. The settings are stored in memory for power loss. Max 240 seconds.

MUTE If audio cameras are connected to your system, pressing Mute turns the sound off. Mute sign appears on screen with a blinking light. Press again to turn the sound back on. VOL+ VOL- are also used to unmute.

VOL+ Use this key to increase volume.Pressing for more than 1.second activates automatic increase. Maximum level 50

VOL - use this key to decrease volume.Pressing for more than 1 sec. activates automatic decrease. Minimum level 0. All volume status is stored in memory against power loss.

VCR If a Video Recorder is connected to the system, pressing this key activates swithcing to video recorder display. Press channel keys to exit.

STBY Press this button to switch to Stand-By status. Press channel keys to turn on

AUTHORISED RESELLER

MANUFACTURER: ELEKTROSEC Elektronik Güvenlik Sistemleri San. ve Tic. Ltd. Şti.
Cemal sururi sk. No: 21 D.1 Mecidiyeköy/İSTANBUL
Tel:+90 212 2120310 Pbx.+90 212 3474690 Pbx. Fax: +90 212 3474692
E-mail: electrosec@electrosec.com Web: www.electrosec.com