

TECHNICAL DATA

Video IN	1VPP/75Ω
Video OUT	5X amplifier factor
Gain	12db
Power supply	24VAC/12VDC (with reverse polarity protection)
	Power cable: included
Amplification trimming	Linear adjustment up to 270°
Power ON	LED on BNC OUT side
Operating temperature	-20°C ÷ +50°C
Protection rate	IP20
Weight	80gr
Dimensions	ø 50 x L 55 mm (BNC included)



ELA700 video amplifier

INSTRUCTIONS GUIDE



DISPOSAL OF YOUR OLD PRODUCT


Your product is designed and manufactured with high quality materials and component, which can be recycled and reused. When this crossed-out wheeled bin symbol is attached to a product it means the product is covered by the european directive 2002/96/ec. Please inform yourself about the local separate collection system for electrical and electronic products. Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.




BEFORE INSTALLATION AND OPERATION PLEASE READ THESE INSTRUCTIONS CAREFULLY.





Dear Customer
we thank you for choosing our product.
Before installation and operation please read these instructions carefully.

DANGER AND SAFETY WARNINGS

 This warning symbol means danger. you are in a situation that could cause bodily injury. Before you work on any equipment, be aware of the hazards involved with electrical circuitry and be familiar with standard practices for preventing accidents. **Before operating the machine, switch the power off.**

 This warning symbol means that operating instructions and precautions **must be carefully followed in order to avoid bodily injury and equipment damage.**

IMPORTANT PRECAUTIONS AND WARNINGS FOR THE PROTECTION OF GOODS AND PERSONS

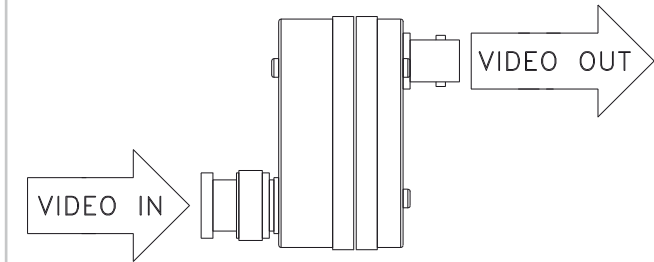
-  **Turn the power off before operating the equipment.**
-  Installation must be carried out by **qualified technical staff in compliance with current standards and regulations.**
-  **Installation and tools must be in compliance with the property and person security rules:** particular attention must be paid to the product use and working limits. to prevent risk of fire or electric shock, **do not expose this unit to rain or humidity.**
-  Please do not make any changes to the product without previously contacting the manufacturer which will **formally** provide you with the necessary instructions.
- Please keep these instructions for future reference in case of service or mounting operations.

PRODUCT DESCRIPTION

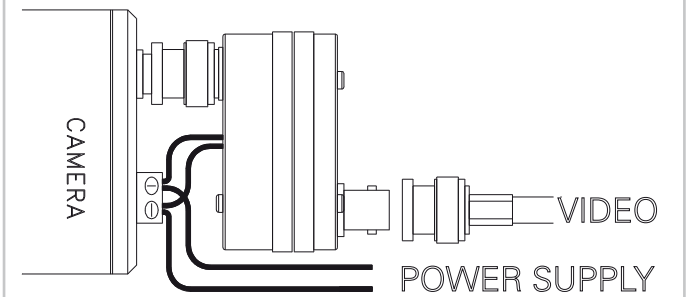
Video amplifier for COLOUR and B/W signal equipped with male BNC (video IN) and female BNC (video OUT). The ELA700 can be mounted directly onto the camera BNC OUT and connected to the camera power supply through the supplied cable. ELA700 is suitable both for indoor and for outdoor applications (camera housing). The excellent picture quality is the final result of an accurate and easy adjustment of ELA700. This amplifier is used for video-out signals from monitors, matrixes, multiplexers, quads, digital equipments, etc...excellent for distances up to 700mt with RG59/BU coax cable.
This unit should be operated only through the power supply indicated in the product label. If you are not sure of the type of power supply you are planning to use, please contact your dealer.

ELA700 video amplifier meets the requirements for the following regulations:
EN 50130-4
EN 61000-6-3
EN 60065

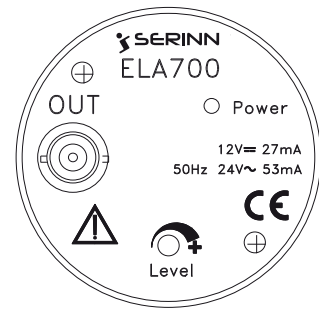
1. Thanks to its small dimensions, ELA700 video amplifier is particularly suitable for direct mounting on BNC camera through which it can be powered. The camera can be mounted both indoor (on bracket) and outdoor applications (inside camera housing).



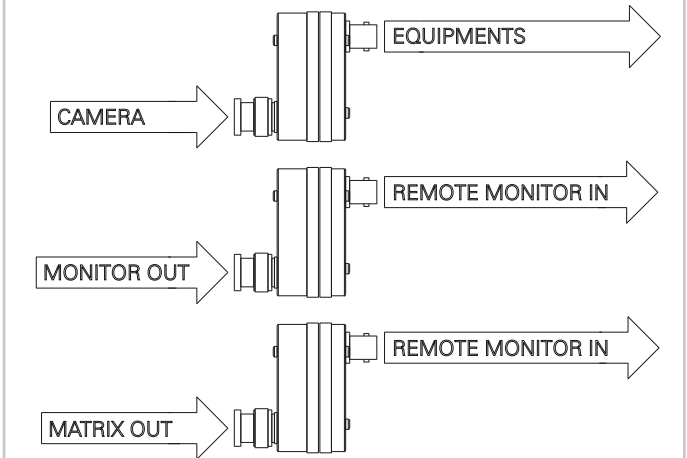
2. Connect the video amplifier BNC/IN to the camera bnc/out and the coax cable to the video amplifier BNC/OUT. the supplied ELA700 power supply cable can be connected to camera terminal block. note: for 12VDC power supply, particular attention must be paid to cable colours **(red + / black -).**



3. Once connections have been carried out, green LED ON indicates power supply. Regulate the trimmer in order to adjust the amplification factor until an optimum value of at least 1VPP (CCIR standard) is achieved on screen.



4. ELA700 video amplifier is excellent for video/out signals from: monitors, matrixes, mux, quads; etc.



Before switching on the main voltage, make sure that all connections have been carried out.