

# User manual

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## SAFETY INSTRUCTIONS

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### IMPORTANT SAFETY INSTRUCTIONS

Before using an electrical unit, basic precautions should always be followed, including the following:

**DANGER** - To reduce the risk of electric shock:

1. This SECURE DISPLAY SYSTEM contains electronic components.  
Do not open these without a qualified electrician or an official Top Vision dealer.

**WARNING** - To reduce the risk of burns, fire, electric shock, or injury to persons:

1. Close supervision is necessary when this unit is used by, or near children, invalids, or disabled persons.
2. Use this unit only for its intended use as described in this manual.  
Do not use attachments not recommended by the manufacturer.
3. Never operate this unit if it has a damaged cord or plug, if it is not working properly, if it has been dropped or damaged, or dropped into water.  
Return the product to a service center for examination and repair.
4. Never drop or insert any object into any opening other than the intended use of presenting sunglasses.
5. Do not use outdoors / for indoor use only!

**MAINTENANCE INSTRUCTIONS** - Instructions for cleaning and user maintenance operations:

1. The exterior of a SECURE DISPLAY SYSTEM may only be cleaned with a non-static brush.
2. The SECURE DISPLAY SYSTEM has no user serviceable parts. All malfunctioning or damaged components are to be replaced by a service representative duly authorized by Top Vision Group BV or an official Top Vision dealer.

### INTENDED USE

1. The intended use of the Secure Display System is to display eyewear frames and sunglasses.
2. This product is for commercial use only.

## WARRANTY

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Your Top Vision product is warranted by Top Vision Group B.V. for a period of 24 months from the date of purchase under the terms of our general conditions. The international Top Vision warranty covers material and manufacturing defects.

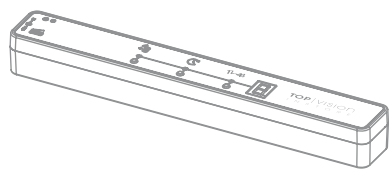
The manufacturer's warranty does not cover:

1. The battery of the remote control.
2. Damage resulting from improper handling or assembly.
3. Possible consequential damage resulting e.g. from defects, use, improper use or non functioning of the display.

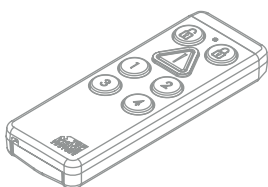
In case of defects covered by the warranty, your Top Vision product or the parts that are malfunctioning will be replaced free of charge. The warranty for the replacement display or display-parts ends twenty four months after the date of purchase of the replacement display or display-parts. Any further claims against Top Vision Group B.V. e.g. for compensation damage, withdrawal from the purchase contract or refund of the purchase price are excluded. Your dealer carries sole responsibility for any other guarantees. The warranty becomes void in the event of servicing or repair of the display by any person not duly authorized by Top Vision Group B.V. or its representatives. In case of a defect, please contact your official Top Vision dealer or one of our authorized distributors as mentioned on [www.topvisiongroup.com](http://www.topvisiongroup.com). The above manufacturer's warranty does not affect the purchaser's right against the seller nor any other statutory rights the purchases may have.

For Top Vision service agent addresses, see the backside of this manual or visit [www.topvisiongroup.com](http://www.topvisiongroup.com).

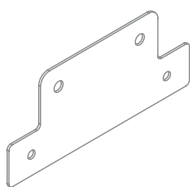
# PART OVERVIEW



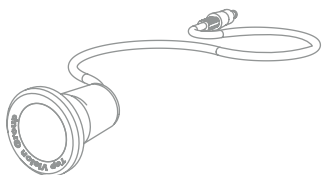
Product: CONTROL UNIT LX  
Art. code: 50802  
Dimensions: 210x28x22mm  
Quantity:



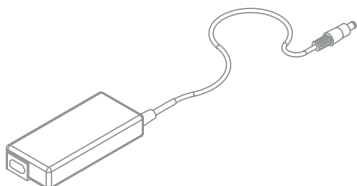
Product: REMOTE CONTROL LX  
Art. code: 50801  
Dimensions: 92x30x9mm  
Quantity: 1x



Product: WALL BRACKET LX  
Art. code: 26218  
Dimensions: 100x45x2mm  
Quantity: 1x



Product: RECEIVER EYE  
Art. code: 22476  
Dimensions: Ø16mmx37mm  
Cable length: 245cm  
Quantity: 1x



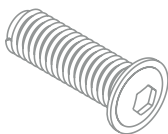
Product: AC-DC ADAPTER  
Art. code: 70087  
Dimensions: 150x50x32mm  
Cable length: 175cm  
Quantity: 1x



Product: POWER CABLE  
Art. code: 70105  
Cable length: 200cm  
Quantity: 1x

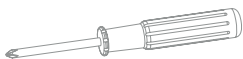


Art. code: 95071  
Dimensions: 3,9x13mm  
Quantity: 2x



Art. code: 23703  
Dimensions: M3x6  
Quantity: 2x

# REQUIRED TOOLS



Screwdriver  
Dimensions: PH1



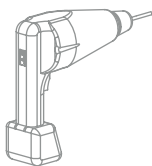
Hex wrench  
Dimensions: 2mm



Leveler



Pencil



Drill  
Dimensions: 2,5

# TECHNICAL SPECIFICATIONS

## Adapter

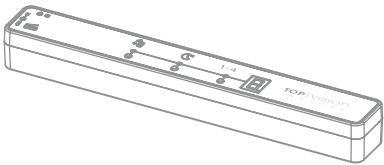
Supply voltage: 100-240 VAC  
Supply current: 2.5A  
Output: 24V  
Ambient temperature: -30 +60 °C  
Product size: 120x50x32mm  
Product weight: 275 gram

## Controller unit

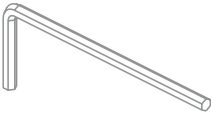
Input: 24V  
Reception frequency: 50/60Hz  
Product size: 210x28x22  
Product weight: 85 gram  
Temperature: 5-40 °C

# MOUNTING THE CONTROLLER UNIT

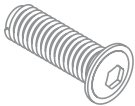
1



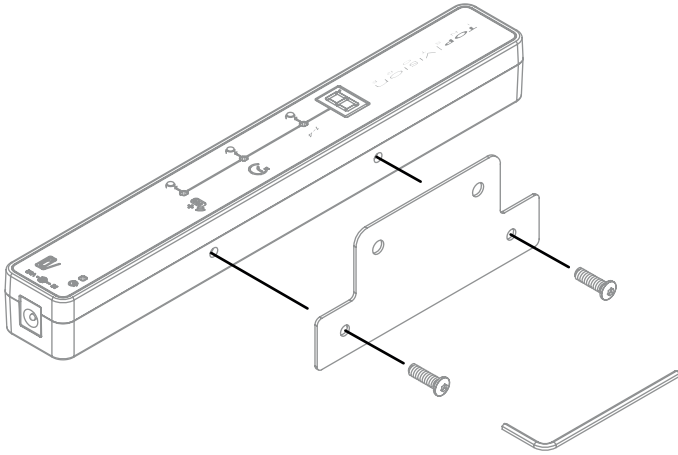
50802



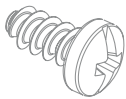
#2mm



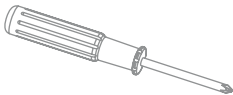
23703  
M3x6



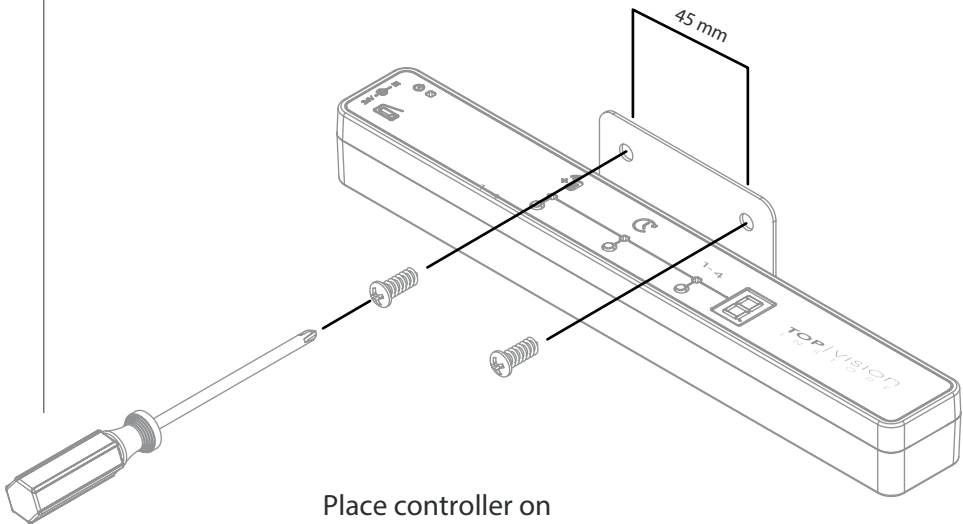
2



95071  
3,9x13mm

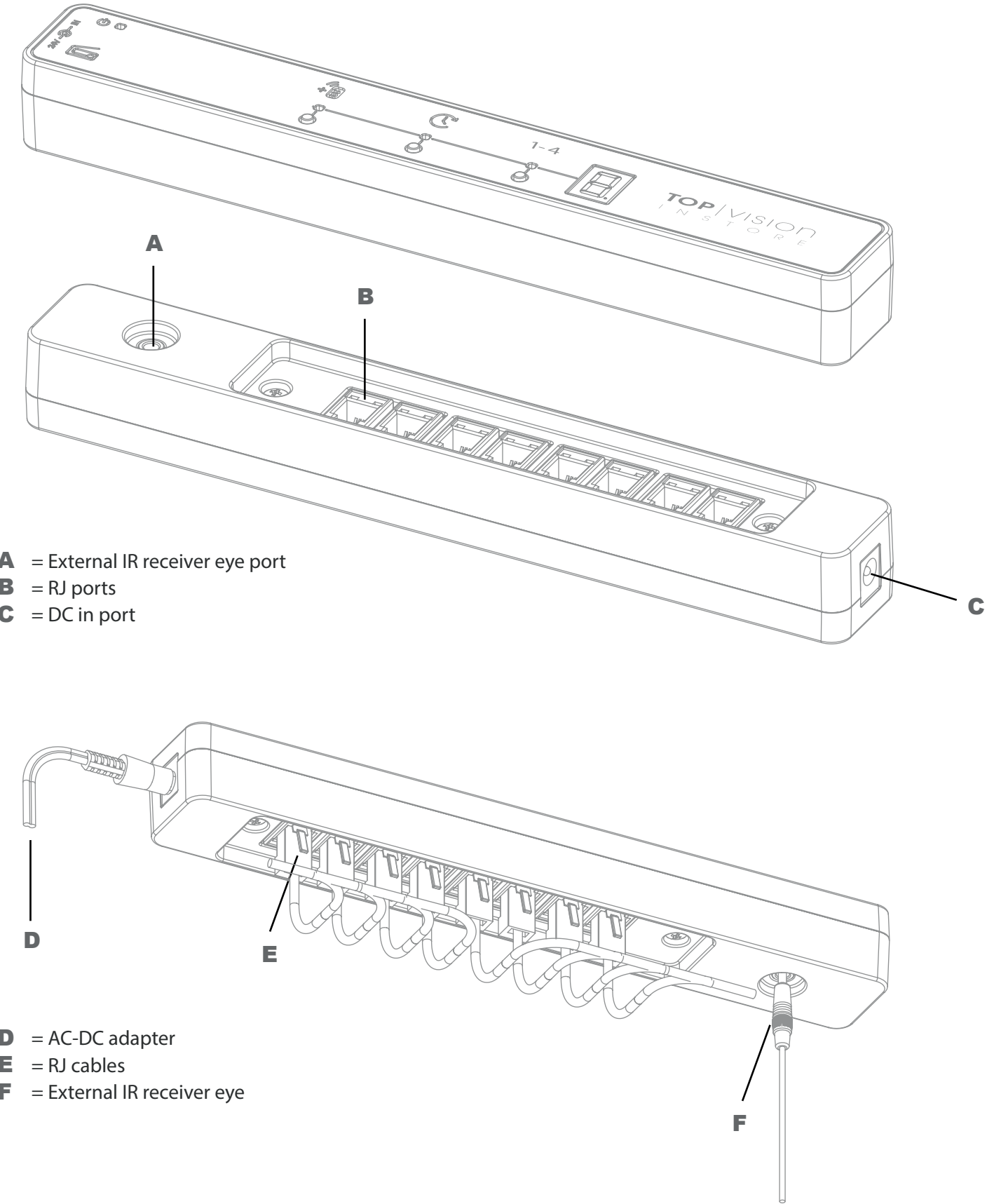


PH1



Place controller on  
an accessible place

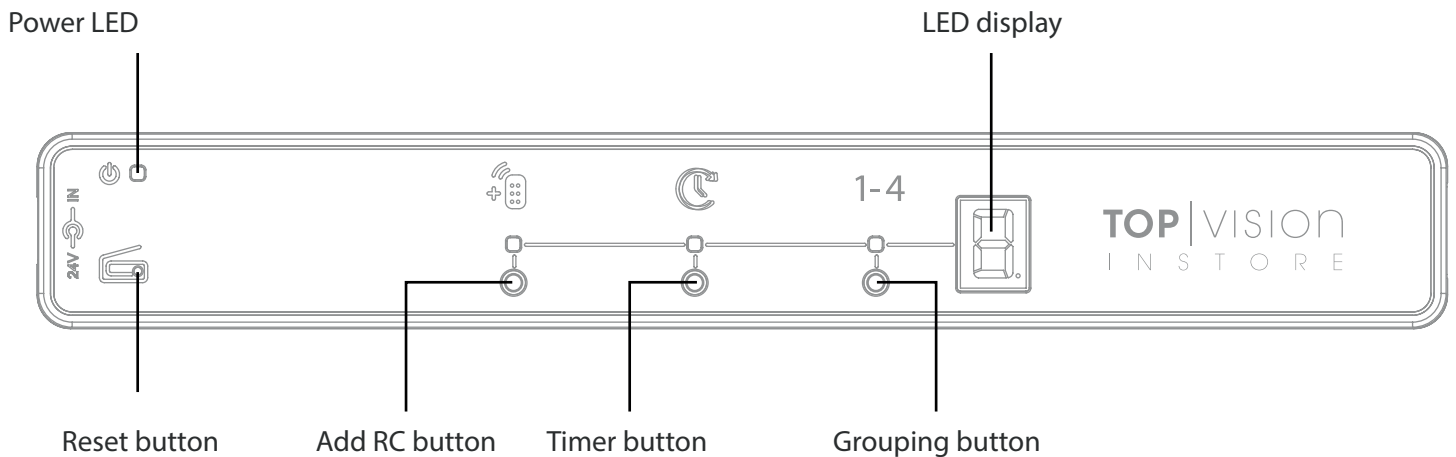
# CABLING OVERVIEW



For the external receiver eye **F**, you need to drill a hole of  $\varnothing 16$  mm, no further then 225cm from the receiver unit.

# PROGRAMMING

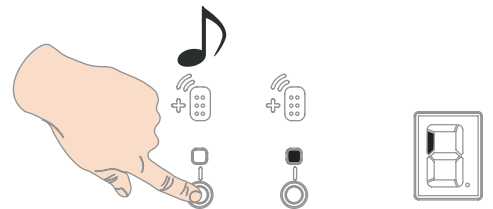
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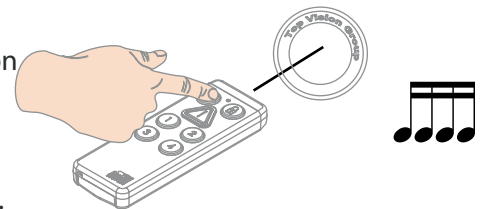
## ADDING REMOTE CONTROL IR CODES

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- A**
- Press the Add RC button until you hear a beep.
  - The corresponding LED will lit up
  - The LED display will show an animation.
  - As long as this LED blinks, you can add IR codes.

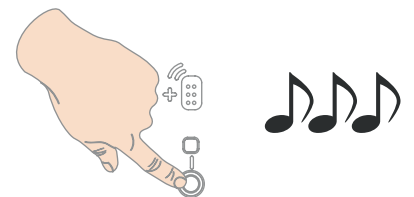


- B**
- Aim your remote control at the receiver eye and press the OPEN button of the remote control.
  - A short melody will confirm if the new IR code was accepted.



Note! 2 low beeps will tell you that this IR code was already programmed.

- C**
- Again, press the Add RC button to exit the programming mode.
  - 3 short beeps will confirm exiting.



Note! If this last step is forgotten, the system will automatically exit the programming mode after 15 seconds, confirmed by 3 short beeps.

## REMOVING ALL REMOTE CONTROL IR CODES

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- Press the Reset button with a thin paperclip until you hear a beep.
- All known IR codes are now deleted.



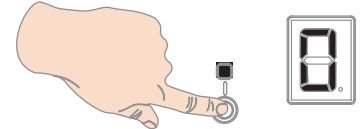
Note! This action has no effect on the timer settings.  
Your display will now no longer react to any remote control.  
Add a new IR code by following the steps in the previous paragraph.

# PROGRAMMING RJ PORTS TO PRESENTATIONS

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The 4x2 RJ ports on the back of the Control Unit LX can be connected to TopVision presentations. You can set your Control Unit LX to a specific group (1 to 4), so it will only react to the corresponding 1-2-3-4 buttons of your remote control. This way, you can make groups of your sets of columns that are connected to different receivers, allowing you to open only a specific “brand” or “category” of frames.

- A** Press the Grouping button  
Its Grouping LED will lit up



The LED display will show the current Group choice

- RJ Sockets connected to “Any added remote control” for a TopVision Presentation (no grouping)
- RJ Sockets connected to “remote control button #1” for a TopVision Presentation (group 1)
- RJ Sockets connected to “remote control button #2” for a TopVision Presentation (group 2)
- RJ Sockets connected to “remote control button #3” for a TopVision Presentation (group 3)
- RJ Sockets connected to “remote control button #4” for a TopVision Presentation (group 4)

- B** Keep pressing the Grouping button until the connecting RJ ports are set to your desired group or to LED lighting. After a few seconds of inactivity, the Grouping LED will switch off and you have exited the programming mode.

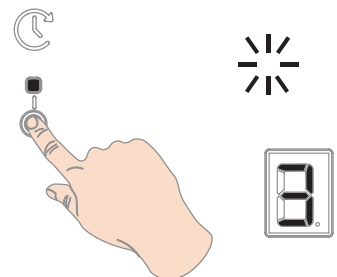
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## CHANGING THE TIMER INTERVAL FOR AUTOMATIC CLOSING

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By setting the timer interval, your eyewear display column will close automatically after a set time period. (0 to 9 minutes)

- Press the Timer button.
- The Timer LED will lit up.
- The LED display will indicate how many minutes the current interval is.
- Keep pressing the Timer button until the LED display shows the desired amount of minutes you want to have the eyewear display column to remain open before automatic closure.



- No automatic closure.
- Automatic closure after 1 minute.
- Automatic closure after 2 minutes.
- Automatic closure after 3 minutes.
- Automatic closure after 4 minutes.
- Etc..

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