TC3 Control Module

TC3-CTL EU SAP: 3446596 US SAP: 12939501

vav.link/tc3-ctl ↗

Control projectors etc via IR, RS-232, RS-485, and 12V
Schedule commands
Powered by mains power or batteries

Techconnect Control is the most flexible professional AV control device available. This simple control panel controls all of your AV equipment – projectors, flat panels, amplifiers, and screens – simultaneously and only presents users with the functions they use every day. No tech support calls and no losing remote controls. All in a secure Techconnect module. Perfect for presentation rooms or meeting spaces.

Simple Mode
Hold down the two middle buttons to put into learn mode, point the original device remote at the front of the Control, and program one code per button. "Off" is pre-set to send the code twice for projectors, and the bottom buttons send codes repeatedly when held down for volume.

Advanced Mode
Alternately, connect to a PC and use included software to allocate multiple RS-232, IR, and 12v triggers to each button. Commands for each button can be sent simultaneously, sequentially, or repeatedly if you hold the button down.

Labels
Clear caps unclip off the buttons from the front to allow label changes. A set of labels are included, and users can print their own as necessary.

Backlit buttons
Backlit buttons are easy to read. If any buttons are not used blank buttons are included which block the backlight.

Scheduling
Once programmed, a schedule can be setup. For example turn the digital signage in a store off at midnight every night.

Delay
Commands can be delayed up to 60 seconds. For example when you turn a projector on it takes time to warm up so the motorised screen doesn't come down until the projector is ready.

Duplication
Programs can be saved to a PC making duplication for a roll out simple.

Extension Keypad
If more than six buttons are required the software allows you to add another Control as an extension keypad which connects to the master via RS485. All commands are still held and sent by the master Control.

Code Library
An integrated library of IR and RS-232 codes speed programming up. For example if you learn the codes for a projector those codes will be automatically uploaded to the database so that the next installer who needs those codes will find them in the software library.

Alternative Code Learning
IR codes can be added by using the original remote, or by copying and pasting the hex code if you have lost the remote.

VISION

Battery

The Control comes with a mains power adaptor, but can also be powered by 2 x AAA batteries (not included). A switch under the batteries selects the power source. Note: when running on battery backlights do not stay lit and 12v triggers will not be sent.

IR

The IR receiver for learning codes is on the front panel, and is accompanied by an IR emitter which eliminates the need to run an IR cable in smaller rooms. Two external IR emitters are included; one with a 10m cable, and one with a 200mm cable.

RS-232 and 485

These two protocols use the same codes but RS-485 only requires two cables and can be run a longer distance. Note: a projector with an RS-232 port will not be able to decode RS-485 signal.

12v Trigger

Many projector screens can be controlled with a 12v (2.4w) trigger voltage. Note: Many projection screens with remote controls use RF which cannot be learned or sent by the Control.

Easy Wiring

To speed up installation it comes with a short 9-pin serial cable which plugs into the phoenix port on the Control.

VISION

MANUAL

Manual
EN PDF 1.49 MB
files.visionaudiovisual.com/products/TC3-CTL/manuals/TC3-CTL_manual_en.pdf

SOFTWARE

Software v171217
ZIP 52.46 MB
files.visionaudiovisual.com/software/techconnect_control_v171217.zip

Techconnect Control V190816
ZIP 2.50 MB
files.visionaudiovisual.com/products/TC3-CTL/software/Techconnect Control V190816.zip

Techconnect Control V190819
ZIP 4.36 MB
files.visionaudiovisual.com/products/TC3-CTL/software/Techconnect Control V190819.zip

Techconnect control v171217
ZIP 52.46 MB
files.visionaudiovisual.com/products/TC3-CTL/software/techconnect_control_v171217.zip

Techconnect control v190819
ZIP 52.31 MB
files.visionaudiovisual.com/products/TC3-CTL/software/techconnect_control_v190819.zip

IMAGE

Product Images
ZIP 12.72 MB
files.visionaudiovisual.com/products/TC3-CTL/images/TC3-CTL.zip

SPECIFICATIONS

PRODUCT DIMENSIONS
64 x 42 x 48 mm / 2.52" x 1.65" x 1.89" (length x width x height)

BACKBOX DIMENSIONS
86 x 86 x 45mm / 3.39" x 3.39" x 1.77"

SURROUND DIMENSIONS
86 x 86 x 8mm / 3.39" x 3.39" x 0.31"

PACKAGED DIMENSIONS
180 x 150 x 63 mm / 7.09" x 5.91" x 2.48"

PRODUCT WEIGHT
63 grams / 0,14 lb

PACKAGED WEIGHT
0.5kg / 1.1 lb

CONSTRUCTION MATERIAL
Plastic

COLOUR
White

POWER SUPPLY
100-240v AC 50/60Hz 12 volt / 0.5 amp

TRANSFORMER INTEGRATED INTO PLUG

INCLUDES INTERCHANGEABLE PLUGS
UK/EU/US/AU

DC TAIL LENGTH
4m

TRANSFORMER DIMENSIONS
66 x 43 x 30mm / 2.6" x 1.69" x 1.18"

ACCESSORIES INCLUDED
5 x Blanking buttons 1 x Labels 1 x Single-Gang Techconnect Backbox 1 x Single-Gang Techconnect Surround 1 x IR Blaster with 20m cable 1 x IR Blaster with 150mm (5.91") cable (terminated with female minijack) 1 x RS-232 9-pin D-Sub 150mm (5.91") adaptor cable

STATIC
<= 5uA

SENDING
<= 20mA

COPYING
<= 10mA

WARRANTY
Lifetime return-to-base

COMPLIANCES
RoHS, WEEE, CE/EMC, C-TICK , FCC

SPARE POWER SUPPLY UNIT (PSU)
TC2 P12V0.5A

VISION