

CAB – INTENZA

The Intenza E2 console can now control ANY cable, satellite or IPTV set top box using the CAB from Broadcastvision Entertainment.



Benefits:

- Eliminates the hand-held battery operated remote control.
- Members can control the TV using cardio equipment console controls.
- An expensive head-end system is not required.
- Club operators can choose ANY cable, satellite or IPTV provider.
- TV channels are not restricted.
- Members can access all the channels available per your subscription.
- No troublesome wireless devices to manage.
- Proven Technology - Broadcastvision first offered a solution for set top box control in 2011 and is the clear-cut market leader in this technology.

CAB Configuration



The CAB ships pre-configured by BVE for the target STB at customer facility. Normally no additional configuration steps are required. ***If the CAB does not work for any reason please call technical support at 1(888)330-4283 ext.3 before leaving the facility.*** BVE's technical support staff is happy to help troubleshoot your problems and get the CAB working properly.

The CAB contains 8 dip-switches internally. Normally these should all be in the OFF position. To help solve specific deployment compatibility challenges, BVE Technical Support may instruct that some of the switch positions be changed – see the Troubleshooting section at the end of this manual for common settings or call Broadcastvision technical support for additional assistance.

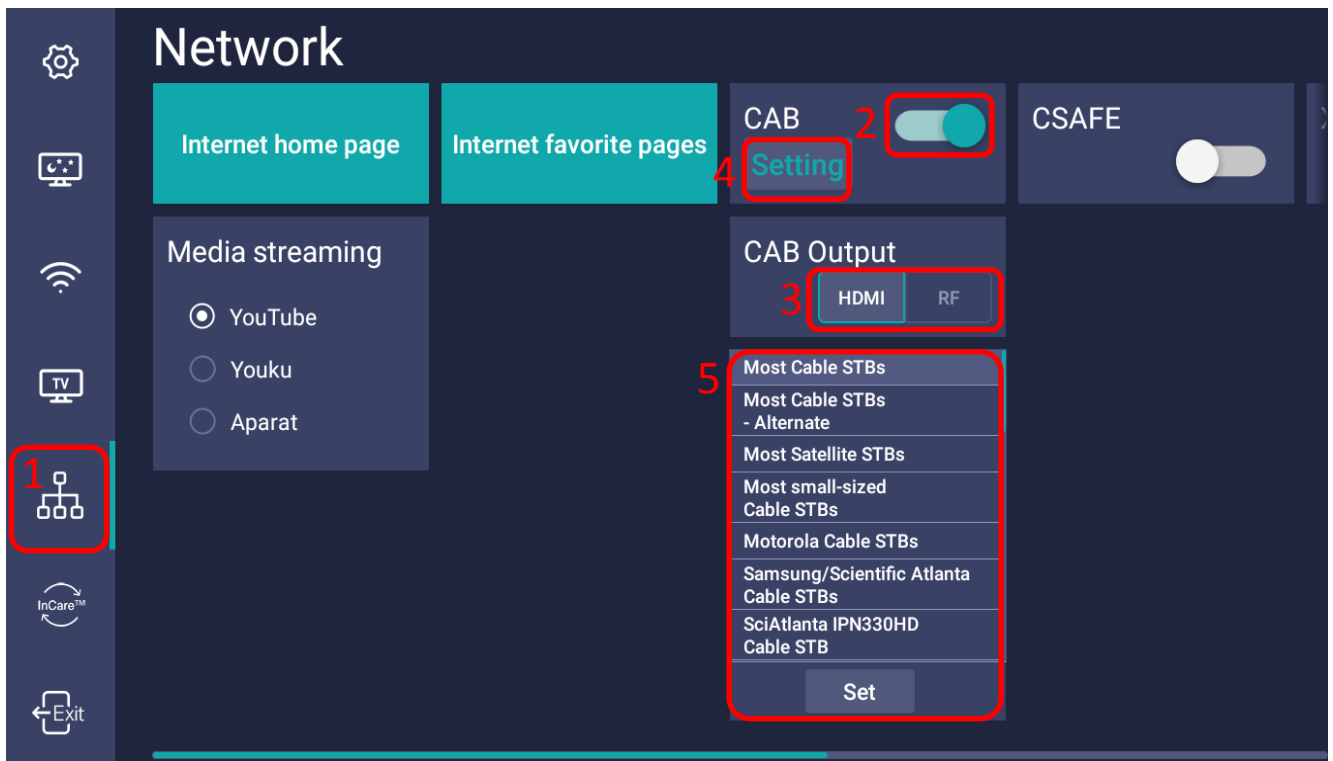
Note: The Broadcastvision CAB should always be installed after the cable/satellite service has already been installed, and you have a picture on the screen. If the Set Top Box (STB) is not available at the time of installation you can still run all of the wires and hook up the CAB, but you will not be able to test the CAB to make sure that it is changing channels on the STB.

Installation Instructions

STEP 1 - Before attempting to install the CAB, start by making sure that the cable/satellite box is properly hooked up to the screen and you have a picture on the screen.

STEP 2 - Go to the Network section in the e2 menu.

- Enable the CAB by setting the button in section 2 below to the on position.
- Select either HDMI or RF output for CAB per section 3.
- There is no need to select the STB in section 4/5 of this menu, your CAB has already been configured for the correct Set Top Box by Broadcastvision Entertainment.

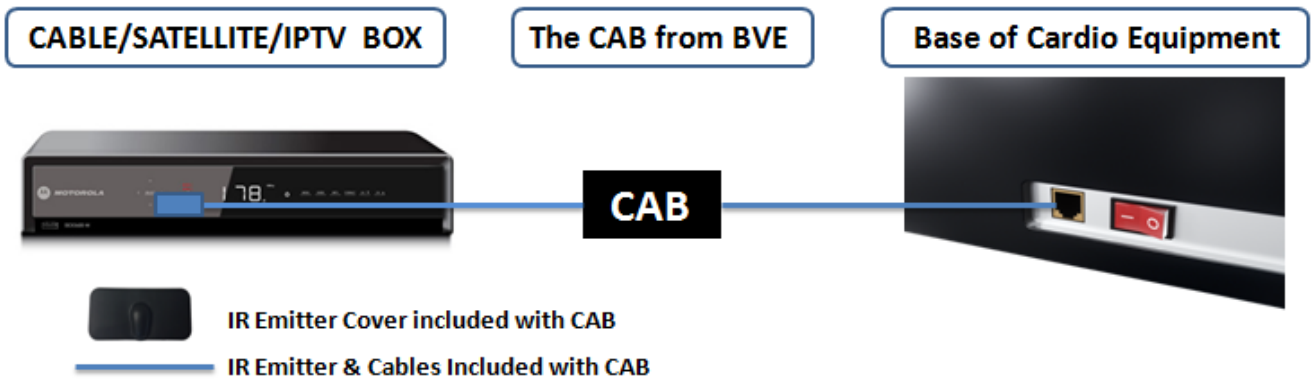


STEP 3 - Before attempting to install the CAB start by making sure that the cable/satellite box is properly hooked up to the screen and you have a picture on the screen. If you do not have picture make sure that you are on the appropriate input or channel (usually 3 or 4) before proceeding to the next step.

STEP 4 -The CAB translates the console commands to the cable, satellite or IPTV box. Plug the console side of the CAB cable into the C-Safe connection located at the base of the cardio equipment per figure 1.

STEP 5 – Connect the IR emitter cable to the other side of the CAB labeled STB. Locate the eye on the set top box, remove the adhesive & stick the IR emitter on the eye. Apply the IR emitter cover over the IR emitter per figure 1.

Figure 1 – based on locating STB next to cardio equipment.



Note: If you are locating the STB in an AV closet or away from the cardio equipment further than 10 feet, it will be necessary to connect the CAB to a cat5/6 cable to send the IR signal. The adapters for this type of set up are included as shown below. The cat5/6 cable is not included.



Note: If you cannot see where the IR eye is on the front of the STB, shining a flashlight at the front of the box will usually help you to see the IR eye. Please see the IR eye locations of some of the most common STB's below:



If the CAB does not work for any reason check the Troubleshooting Guide on the next page or if necessary call technical support at 888.330-4283 ext.3 before leaving the facility.



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Troubleshooting Guide

Double button presses – Some set top boxes respond to more than one of the IR codes that we send out. If you notice that pressing a channel button on the console results in multiple presses, simply remove the 2 screws that hold the lid on the CAB and turn on dip switch 2 and 4. If this does not solve the problem, call (888)330-4283 ext.3 for further assistance.

No control over set top box

Check if CAB is getting power and channel commands from the console – CAB contains internal LED power lights. Two indicator LEDs are located on either side of the console-side connector inside the enclosure.

- **GREEN** - Power LED, on whenever the CAB is powered
 - **RED** - Activity LED, flashes whenever the CAB receives and processes commands
- The location of the LEDs is such that they should be visible through the enclosure around the CAB connector to the console.

Incorrect IR emitter placement – If the IR emitter is not in the correct location on the front of the box you may need to move it around until you find the location that works.

Tip: Try initially holding the IR emitter away from the front of the STB initially then continue pressing the channel button while “zeroing in” on the correct IR emitter placement.

Set top box is in RF mode – change to IR mode – Many set top boxes can operate with a hand-held remote in RF or IR mode. For the CAB to function, it is critical that the STB accepts IR channel commands. To test if the STB is in RF mode, place your hand over the hand-held remote control IR transmitter and see if the STB receives channel change commands. If the answer is yes, the STB is in RF mode. Check online for instructions to change the STB remote control mode from RF to IR.

BVE Technical Support

Tel: 888.330.4283 x 3 Support@Broadcastvision.com



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Troubleshooting Guide

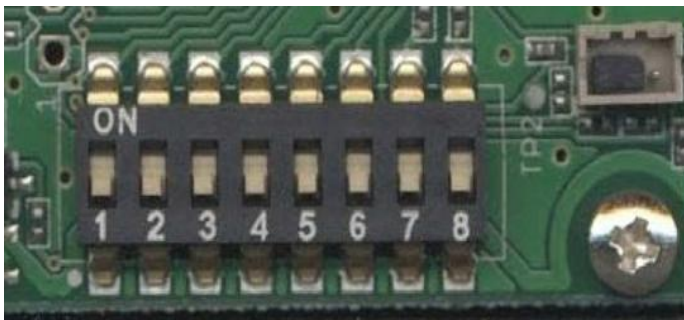
No control over set top box (continued)

IR signal strength issue – In rare circumstances, the CAB may output too strong of an IR signal for the set top box IR receiver. To test if the IR emitter is over-driving the set top box receiver, pull the emitter away from the front of the set top box, and press the channel button to see if the set top box now receives the channel.

No Continuity between CAB and IR emitter – In some circumstances utilizing the “Far” set top box scenario, the CAT5/6 cable between the set top box and the CAB may not provide full continuity through wall plates etc. It may be helpful to re-locate the STB at the base of the cardio and re-test. Or, it may be helpful to temporarily run an alternate CAT5/6 cable from the CAB to the set top box then re-test.

CAB not programmed for the correct set top box - Your CAB is defaulted for Broadcastvision’s popular “Unicode” setting which provides control of the most popular cable, satellite and IPTV set top boxes.

The CAB can be quickly configured on site to operate other popular set top boxes by flipping dip switches inside the CAB enclosure as pictured below. All CABs are shipped pre-programmed what we call unicode. Unicode works with most of the well known providers. If for some reason the CAB is not operational, please call Broadcastvision support at 888.330.4283 x3 to determine the dip switch settings for your cable, satellite, or IPTV provider.



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