



# BROADCASTVISION C.A.B INSTALL GUIDE



# BROADCASTVISION C.A.B INSTALL GUIDE

## IMPORTANT:

All products shown are prototype. Actual product delivered may vary.

Product specifications, features & software are subject to change without notice.

For the most up-to-date owner's manual please visit [www.truefitness.com](http://www.truefitness.com).

For documents in additional languages please visit [www.truefitness.com/resources/document-library/](http://www.truefitness.com/resources/document-library/)

## IMPORTANTE:

Todos los productos mostrados son prototipos. La realidad el producto suministrado puede diferir.

Especificaciones de productos, características y software están sujetas a cambios sin previo aviso.

Para la más actualizada de este manual del propietario, por favor visite [www.truefitness.com](http://www.truefitness.com)

Para los documentos en otros idiomas, por favor visite [www.truefitness.com/resources/document-library/](http://www.truefitness.com/resources/document-library/)

IMPORTANT: Tous les produits présentés sont prototype. Le produit réel livré peut varier. Spécifications du produit, caractéristiques et logiciels sont sujettes à modification sans préavis. Pour la plus à jour le manuel du propriétaire s'il vous plaît visitez [www.truefitness.com](http://www.truefitness.com). Pour documents dans des langues supplémentaires, veuillez [www.truefitness.com/resources/document-library/](http://www.truefitness.com/resources/document-library/) de visite

重要提示：显示所有产品的原型。实际交付的产品可能有所不同产品规格，功能和软件如有更改，恕不另行通知迄今为止对于大多数的使用说明书，请访问[www.truefitness.com](http://www.truefitness.com) 对于其他语言的文档，请访问[www.truefitness.com/resources/document-library/](http://www.truefitness.com/resources/document-library/)

## مهم:

اهمى لست يلى عفا جتنملا فل تاخت دق . جذومنلا يه ةضور عمل تاجتنملا عىمج .

راعش! نود رى غتلا فل باق جماربل او تازىملا او ، جتنملا تافصاوم .

[www.truefitness.com](http://www.truefitness.com) ةراىزى جرى لكالما لىل د نألا ىتح لصى ام مظعمل

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WICHTIG: Alle hier gezeigten Produkte sind Prototypen. Das tatsächliche Produkt ausgeliefert wird, kann variieren. Produkt-Spezifikationen, Funktionen und Software können sich ohne vorherige Ankündigung ändern. In den meisten Fällen bis zu Bedienungsanleitung Bisher besuchen Sie bitte [www.truefitness.com](http://www.truefitness.com). Für Dokumente in weiteren Sprachen finden Sie unter [www.truefitness.com/resources/document-library/](http://www.truefitness.com/resources/document-library/)

BELANGRIJK: Alle getoonde producten zijn prototype. Daadwerkelijke product geleverd kan verschillen. Product specificaties, eigenschappen & software zijn onderhevig aan verandering zonder kennisgeving. Voor de meest actuele handleiding van de eigenaar kunt u terecht [www.truefitness.com](http://www.truefitness.com). Voor documenten in andere talen kunt u terecht op [www.truefitness.com/resources/document-library/](http://www.truefitness.com/resources/document-library/)

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.Для документов на другие языки, пожалуйста, посетите [www.truefitness.com/resources/document-library/](http://www.truefitness.com/resources/document-library/)

# BROADCASTVISION C.A.B INSTALL GUIDE

## A MESSAGE TO OUR CUSTOMERS

Frank Trulaske began TRUE Fitness® over thirty-five year ago with the simple philosophy of delivering superior fitness products, service, and support. Today, TRUE is the global leader in premium fitness equipment for the commercial and residential markets. Our goal is to be the leader in technology, innovation, performance, safety and style. TRUE has received many awards for its product over the years and remains the benchmark for the industry. Fitness facilities and consumers invest in TRUE products for their durable commercial platforms used in all its products, both commercial and residential alike.

The proud manufacturing tradition of quality and the culture of innovation at TRUE have given rise to a full line of extraordinary cardio and strength equipment. As a result, people all over the world are benefiting from the TRUE experience. Innovation across the full product line has made TRUE successful and is a trademark of the TRUE heritage. TRUE's patented Heart Rate Control technology is just one of the remarkable ways we deliver simple and superior performance every user can enjoy, and most importantly, use to achieve personal health and fitness goals.

At the heart of our success is the relentless and systematic life testing of both our products and their components. We have dedicated employees who understand our philosophy is to deliver the best products in the world.

Our goal is to deliver the world's best premium equipment for our customers' health and fitness solutions.

# ENVISION<sup>16</sup> TOUCHSCREEN CONSOLE

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# CHAPTER 1: SAFETY INSTRUCTIONS

## **IMPORTANT SAFETY INSTRUCTIONS** **SAVE THESE SAFETY INSTRUCTIONS**

This equipment is intended for a commercial or institutional setting. This owner's manual should be accessible to all personal trainers, faculty, and members.



**WARNING:** ALL EXERCISERS MUST READ ALL INSTRUCTIONS BEFORE USING THE EQUIPMENT.



**WARNING:** Heart rate monitoring systems may be inaccurate for some individuals. Over-exercising may result in serious injury or death. If you feel faint, stop exercising immediately.



**WARNING:** Equipment should be immediately taken out of use if it fails to work properly or when a warning is presented electronically.

TRUE STRONGLY recommends seeing a physician for a complete medical exam before undertaking an exercise program, particularly if the user has a family history of high blood pressure or heart disease, is over the age of 45, smokes, has high cholesterol, is obese or has not exercised regularly in the past year. Additionally, TRUE recommends consulting a fitness professional on the correct use of this product. If at any time while exercising the user experiences faintness, dizziness, pain or shortness of breath, he or she must stop immediately.



**WARNING:** To reduce the risk of electrical shock, always unplug this TRUE product before cleaning or attempting any maintenance activity. Do not handle the plug with wet hands.



**WARNING:** To reduce the risk of burns, fire, electric shock, or injury, it is imperative to connect each product to a properly grounded 110V electrical outlet. A risk of electrical shock may result from improper connection of the equipment's grounding conductor. Check with a qualified electrician if you are unsure about proper ground techniques. Do not modify the plug provided with this product. If it will not fit an electrical outlet, have a proper outlet installed by a qualified electrician. Your TRUE Fitness product must be properly grounded to reduce risk of shock if the equipment malfunctions. Your equipment is equipped with an electrical cord, which includes an equipment grounding conductor and a grounding plug. The plug must be inserted into an outlet that has been properly installed and grounded in accordance with all local codes and ordinances. A temporary adapter cannot be used to connect this plug to a two-pole receptacle in North America. If a properly grounded 15 amp outlet is not available, a qualified electrician must install one.



**WARNING:** Do not move the equipment by lifting the console. Do not use the console as a handlebar during a workout.



**WARNING:** This product contains chemicals known to the state of California to cause cancer and birth defects or other reproductive harm.



**WARNING:** Keep equipment stable on flat ground.

# CHAPTER 1: SAFETY INSTRUCTIONS



**WARNING:** Replace warning labels that may be worn, damaged, or missing.



**WARNING:** Replace any non-working or damaged components, remove the unit from service until repair is performed.



**WARNING:** To reduce the risk of burns, fire, and electric shock or injury to persons, follow these instructions:

- This appliance should never be left unattended when plugged in.
- Do not use any type of extension cord with this product.
- Unplug it from the outlet when not in use and before any servicing.
- Do not operate the equipment while being covered with a blanket, plastic, or anything that insulates or stops airflow.



**WARNING:** Risk of personal injury-crushing hazard when equipment is in operation - Keep feet, hands, and fingers away from moving parts.



**CAUTION:**

- Health related injuries may result from incorrect or excessive use of exercise equipment.
- Do not use typing or web surfing features at excessive speeds. Always stabilize yourself by holding a stationary handle when using typing or web surfing features. (Varies by console option)
- Do not use the contact heart rate grips as a handlebar during a workout.
- Any changes or modifications to this equipment could void the product warranty.
- To disconnect, turn power OFF at the ON/OFF switch if applicable, then remove plug from electrical outlet.
- Never operate a TRUE product if it has a damaged power cord or electrical plug, or if it has been dropped, damaged, or even partially immersed in water. Contact TRUE Customer Service for a replacement.
- Use a TRUE AC power cord or AC/DC adapter only.  
\* Note the plug configuration for the power adapter may vary by country.
- Position this product so the power cord plug is accessible to the user.
- Keep the power cord away from heated surfaces. Do not pull the equipment by the power cord or use the cord as a handle. Do not run the power cord along the side or under the equipment.
- If the electrical supply cord is damaged it must be replaced by the manufacturer, an authorized service agent, or a similarly qualified person to avoid a hazard.
- Do not use this product in areas where aerosol spray products are being used or where oxygen is being administered. Such substances create the danger of combustion and explosion.
- Always follow the console instructions for proper operation.
- Close supervision is necessary when used near children under the age of 15, or disabled persons.
- Do not use this product outdoors, near water, while wet, or in areas of high humidity including extreme temperature changes.
- Never operate a TRUE product with the air openings blocked. Keep air openings free of lint, hair or any obstructing material.
- When mounting the treadmill, ensure the treadmill belt is not running and then proceed with one step at a time to maintain balance using the handrails as needed.
- While the treadmill is in use, proceed at a speed that the user can safely maintain with the ability to immediately engage the safety key to stop the treadmill belt if necessary.



# CHAPTER 1: SAFETY INSTRUCTIONS

## CAUTION:

- Health related injuries may result from incorrect or excessive use of exercise equipment.
- Never insert objects into any openings in this product. If an object should drop inside, turn off the power, unplug the power cord from the outlet and carefully retrieve it. If the item cannot be reached, contact TRUE Customer Service.
- Never place liquids of any type directly on the unit except in the accessory tray or bottle holders. Containers with lids are recommended.
- Wear shoes with rubber or high traction soles. Do not use shoes with heels, leather soles, cleats or spikes. Make sure no stones are embedded in the soles. Do not use this product in bare feet. Keep all loose clothing, shoelaces and towels away from moving parts.
- Do not reach into or underneath the unit, or tip it on its side during operation.
- Use correct ergonomic positioning while running on equipment.
- Do not allow animals on or near the equipment while in operation.
- Use the side handrails whenever additional stability is required. In case of emergency, such as tripping, the side handrails should be grabbed and the user should place his/her feet on the side platforms. The front handlebars should be used to grasp the heart rate sensors or to rest the hand on while operating the activity zone keys, but not for stability, emergency, or continuous use.
- Do not exceed maximum user weight of 400 lbs (181 kg).
- Do not use if you have a cold or fever.
- When using this exercise machine, basic precautions should always be followed.
- Use this equipment only for its intended use as described in this manual.
- Do not use attachments not recommended by the manufacturer.
- Allow only trained personnel to service this equipment.
- Avoid the possibility of bystanders being struck or caught between moving parts by making sure that they are out of reach of the equipment while it is in motion.
- This appliance can be used by children aged from 8 years and above and persons with reduced physical, sensory or mental capabilities or lack of experience and knowledge if they have been given supervision or instruction concerning use of the appliance in a safe way and understand the hazards involved.
- Children shall not play with the appliance.
- Cleaning and user maintenance shall not be made by children without supervision.
- Allow only one person at a time on the equipment while it's operating.
- It is the sole responsibility of the owner/operator to ensure regular and scheduled maintenance is performed.
- To avoid injury stand on the side rails before starting the equipment.
- Avoid exiting equipment while leaving the tread belt in motion.
- Never walk or jog backwards on the equipment.
- Do not change the incline of the equipment by placing objects under it.
- To avoid serious injury, do not touch the incline rack while the equipment is in use.
- To avoid serious injury, do not touch the belt while the equipment is in use.
- Do not operate under blanket or pillow. Excessive heating can occur and cause fire, electric shock, or injury to persons.
- See Grounding Instructions.
- On the machine power switch, the "1" means that the machine power is switched "ON" and the "0" means the machine power is switched "OFF".
- Before servicing the motor area or removing the motor cover, please contact TRUE service.
- Do not place hand near the running belt when the unit is in operation.
- To avoid serious injury, remove and store the power cord when the machine is not in use.
- Noise emission under load is higher than without load.
- A-weighted emission sound pressure level at the trainer's ear: 67dBA.

# CHAPTER 1: SAFETY INSTRUCTIONS

## IMPORTANT SAFETY INSTRUCTIONS

- **Read and understand all instructions and warnings prior to use.**
- Obtain a medical exam before beginning any exercise program. If at any time during exercise you feel faint, dizzy, or experience pain, stop and consult your physician.
- Obtain proper instruction prior to use.
- This unit is intended for commercial use only.
- Inspect the unit for incorrect, worn, or loose components and do not use until corrected, replaced, or tightened prior to use.
- Do not wear loose or dangling clothing while using the unit.
- Care should be used when mounting or dismounting the unit.
- Read, understand, and test the emergency stop procedures before use.
- Disconnect all power before servicing the unit.
- Do not exceed maximum user weight of 400 lbs.
- Keep the top side of the moving surface clean and dry.
- Keep children and animals away.
- Use caution when moving and assembling unit.
- All exercise equipment is potentially hazardous. If attention is not paid to the conditions of equipment usage, death, or serious injury could occur.
- Save these instructions.

### Basic Guidelines for Setting Up the Equipment:

After removing the equipment from the packaging, place the equipment on a clean, level surface. Make sure the electrical cord easily reaches a grounded three-pronged outlet.

### Important Electrical Requirements – 120V:

Your TRUE equipment requires a dedicated 120 volt, alternating current (AC), 20 amp grounded outlet circuit. This means nothing else can be plugged into the same circuit. Most power circuits are rated for this 120V AC 20 amp requirement, but you must ensure the equipment does not share the circuit with anything else.

### Important Electrical Requirements – 220V:

Your TRUE equipment requires a dedicated 230 volt, alternating current (AC), 15 amp grounded outlet circuit. This means nothing else can be plugged into the same circuit. Most power circuits are rated for this 230V AC 15 amp requirement, but you must ensure the equipment does not share the circuit with anything else.

### **DANGER: Do not use an extension cord or ungrounded outlet:**

The ground helps prevent electrical damage to your equipment and enhances your safety by helping to prevent shock. Check with a qualified electrician or serviceman if you are in doubt as to whether the equipment is properly grounded. Do not modify the plug provided with the unit if it will not fit the outlet. Have a proper outlet installed by a qualified electrician.



## CHAPTER 2: ENVISION<sup>16</sup> C.A.B. INSTALLATION

### BROADCASTVISION OVERVIEW:

Using Broadcast Vision console adapter box (C.A.B.) in conjunction with your TRUE Fitness console will eliminate the need for a remote control when a Set Top Box is being used to receive TV signal from a satellite or cable TV service provider. With a C.A.B., the buttons on the TRUE console can be used to control a compatible Set Top Box.

### ENVISION<sup>16</sup> C.A.B INSTALLATION:

#### C.A.B. Cable Connections:

Connect the Cat5 connection coming from the C.A.B. to the C-SAFE port (A) outside of the console. Attach the C.A.B. (B) to the back of the TRUE console using the adhesive velcro included.



Route the longer cable with the infrared (IR) blaster downward and inside of the pedestal upright. Note: The red line in the picture is the suggested cable routing.

Stick the IR blaster (A) to the IR receiver on the set top box. NOTE: the IR blaster has a self-adhesive backing for mounting and an IR emitter shield to protect and keep it in place.



A

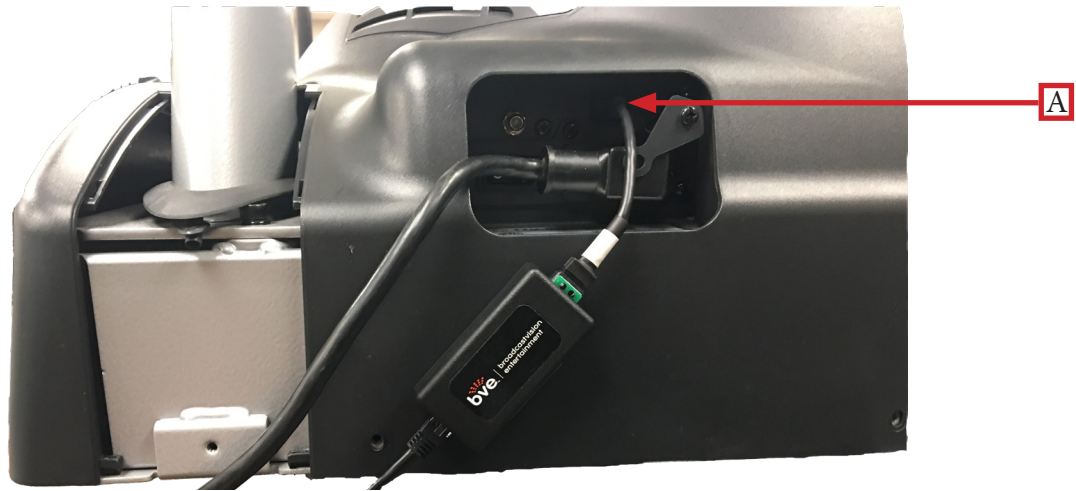
# CHAPTER 2: ENVISION<sup>16</sup> C.A.B. INSTALLATION

## ENVISION<sup>16</sup> C.A.B. INSTALLATION:

### C.A.B. Cable Connections:

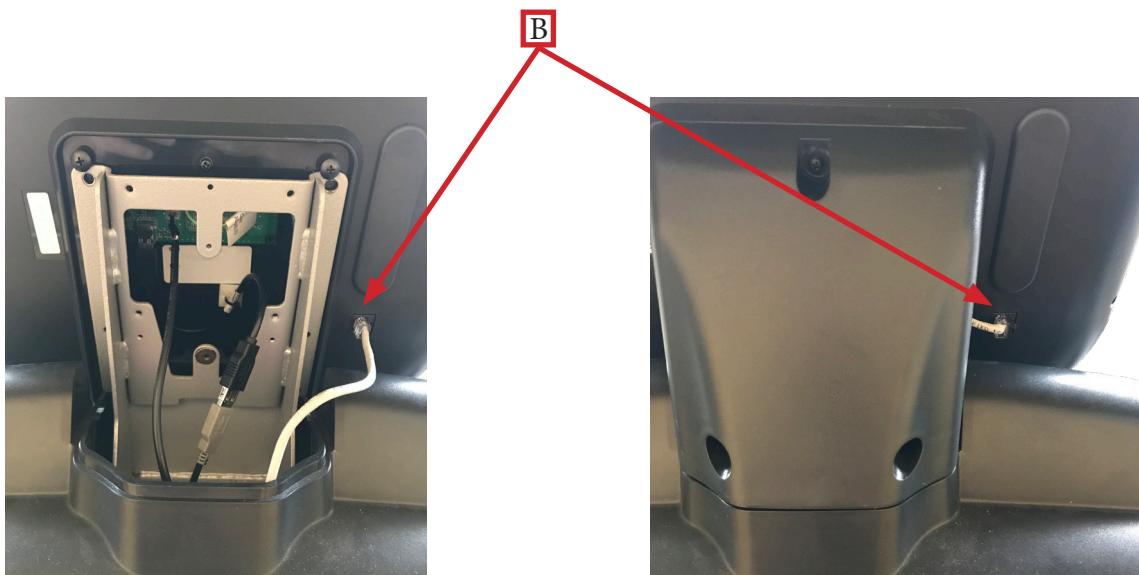
If a wireless network connection is utilized instead of a wired network connection, then the Cat5 connection coming from the C.A.B can connect to the Ethernet port (A) on the power inlet plate.

Note This method prevents a wired network connection.



Disconnect the Cat5 cable end from the back of the console and connect it to the C-SAFE port (B) identified below.

Note: To reenable a wired network connection, reconnect the Cat5 cable end to the network port inside the console, disconnect the Cat5 connection coming from the C.A.B from the power inlet plate, and reconnect the network cable providing a network connection to the Ethernet port on the power inlet plate.

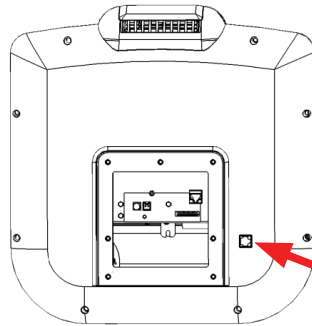


# CHAPTER 2: ENVISION<sup>16</sup> C.A.B. INSTALLATION

## ENVISION<sup>16</sup> C.A.B. INSTALLATION:

### C.A.B. Cable Routing Overview:

Envision<sup>16</sup> console:



Broadcastvision  
C.A.B.:



Set Top Box:



### C.A.B. Set Top Box Programming:

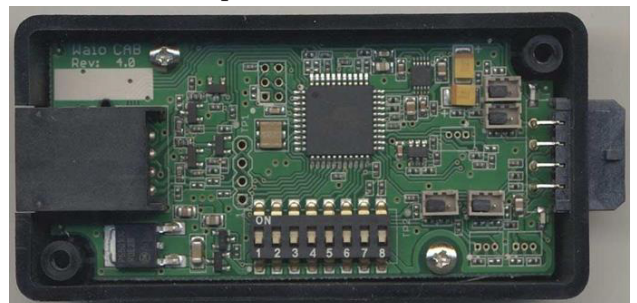
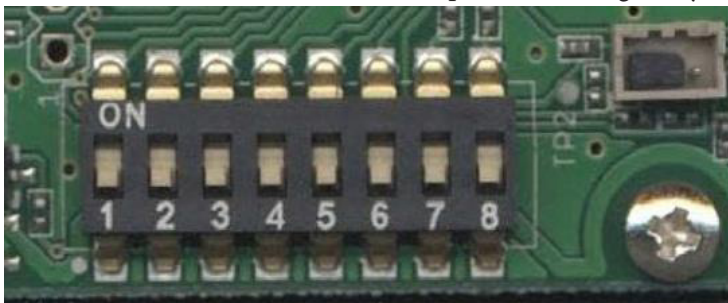
The C.A.B. comes factory set to Broadcastvision's default "Unicode" setting. This enables control of the most common cable and IPTV set top boxes such as AT&T Uverse, Brighthouse, Comcast, Time Warner, and Verizon.

Select from the following list of dip switch configurations for configuring the C.A.B. to other set top boxes.

1 2 3 4 5 = dip switch settings for the following set top boxes:

- 0 0 0 1 1 - CAB will output commands for Amino set top boxes
- 1 1 1 0 1 - CAB will output commands for Enseio set top boxes
- 0 0 1 0 1 - CAB will output commands for LG set top boxes
- 0 1 0 0 1 - CAB will output commands for Rogers set top boxes
- 1 0 0 0 1 - CAB will output commands for Cox set top boxes
- 0 1 0 1 0 - CAB will output commands for Charter set top boxes
- 1 0 0 1 0 - CAB will output commands for Unicode-Satellite for DirecTV and Dish set top boxes

The C.A.B. operates with many other set top boxes not included in the list above. Contact Broadcastvision support at 1-888-330-4283 ext. 3 to determine dip switch settings for your cable, satellite, or IPTV provider.





# CHAPTER 2: ENVISION<sup>16</sup> C.A.B. INSTALLATION

## ENVISION<sup>16</sup> C.A.B. INSTALLATION:

### Step 1 Entering Maintenance Mode:

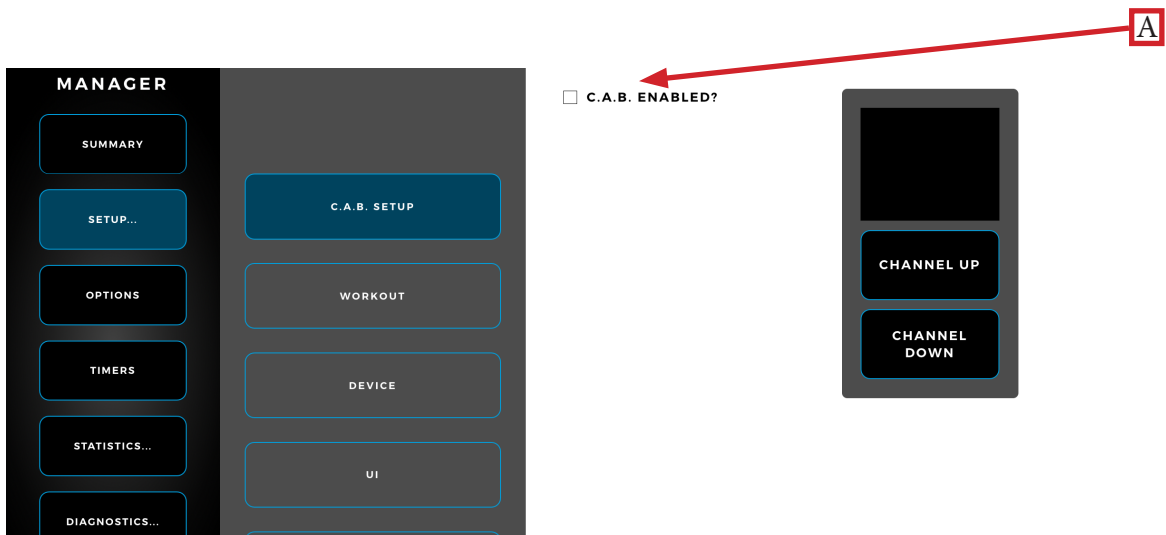
To enter Maintenance Mode, press and hold the TRUE logo (A) in the upper left corner of the home screen until the Maintenance Mode passcode entry pop-up screen (B) appears. Enter code “10101” to enter Maintenance Mode.



### Step 2 Enabling the C.A.B.:

Navigate to Setup>C.A.B. Setup and select the “C.A.B Enabled?” (A) button to enable the C.A.B.

The C.A.B. can be tested using the “Channel Up” and Channel Down” buttons.



## CHAPTER 3: CUSTOMER SERVICE

### CONTACTING SERVICE:

TRUE Fitness recommends that you gather the serial number, model number, and a brief description of the reason for the request. After information has been gathered you may choose to contact your selling dealer or local service company to set an appointment. (If you are not familiar with who is in your area, you may visit our website at [www.truefitness.com](http://www.truefitness.com) and use our dealer locator to obtain the contact information for the closest dealer).

You may also contact TRUE Fitness' customer support team by calling 800.883.8783 or e-mailing us at [service@truefitness.com](mailto:service@truefitness.com) Monday – Friday during normal business hours.

#### TRUE FITNESS SERVICE DEPARTMENT

865 HOFF ROAD

ST. LOUIS, MO 63366

1.800.883.8783

HOURS OF OPERATION: 8:30 A.M. - 5:00 P.M. CST

E-MAIL: [service@truefitness.com](mailto:service@truefitness.com)

### CONTACTING SALES:

Interested in TRUE Products? Please contact us with any sales or product inquiries so that we may direct you to the appropriate sales representative to answer your questions.

#### TRUE FITNESS HOME OFFICE

865 HOFF ROAD

ST. LOUIS, MO 63366

1.800.426.6570

HOURS OF OPERATION: 8:30 A.M. - 5:00 P.M. CST

E-MAIL: [sales@truefitness.com](mailto:sales@truefitness.com)

## CHAPTER 3: CUSTOMER SERVICE

### REPORTING FREIGHT OR PARTS DAMAGE:

Unfortunately, sometimes materials can be damaged during shipment. If materials are damaged during shipment, please follow the guidelines below to determine the appropriate process for you to follow in case of damages.

#### Severe Damage:

Obvious damage to external packaging / internal product. Please **refuse** the shipment and it will be returned to TRUE Fitness by the carrier. Contact the TRUE Fitness customer support team by calling 800.883.8783 or sales support team by calling 800.426.6570 Monday-Friday during normal business hours to notify us that the shipment has been refused. Once we have received the damaged shipment, a replacement shipment will be sent to you. Only refuse the damaged piece if the shipment is multiple boxes.

#### Slight Damage:

The box may have minimal damages and you are not sure if the actual product is damaged or not. You **must** sign the bill of lading as damaged when accepting the shipment. Once you have opened the box and you have determined something is indeed damaged please gather the serial number, model number, description and photos of damages. Please make sure the photos include the damaged product as well as the damaged box the product arrived in. Contact the TRUE Fitness customer support team by calling 800.883.8783 or sales support team by calling 800.426.6570 Monday-Friday during normal business hours.

#### Concealed Damage:

You may receive a shipment that looks intact and discover once the box has been opened that there are hidden damages. Please notify the carrier **immediately**. We will not be able to file a claim if the carrier is not notified in a timely manner. Once you have called the carrier you will need to gather the serial number, model number, description and photos of damages. Contact the TRUE Fitness customer support team by calling 800.883.8783 or sales support team by calling 800.426.6570 Monday-Friday during normal business hours.

### WARRANTY:

#### NOTICE

For unit and console warranty information, refer to the Warranty Information chapter in the unit manual.