

## ENSEO set top box (STB) installation

### Tools required

- |  |   |
|--|---|
| 1. HDMI monitor  | 5. USB drive (blank)  |
| 2. HDMI cable  | 6. Heat resistant tape (such as Gaffers tape)               |
| 3. Channel lineup for the fitness room from the customer | 7. Laptop with Channel List Editor (CLE) software installed |
| 4. Completed site survey from the customer               | 8. Signal meter (for troubleshooting)                       |

Do not start any install activity until you have a lineup of the channels being streamed to the fitness room and a completed site survey from the customer.

You **MUST** complete steps A, B, (C), D, and E before arrival at the install site.

### AT YOUR FACILITY

#### A. Verify the firmware of each ENSEO set top box (STB) to be installed

- Flip the ENSEO set top box (STB) around and note the model number.
- Connect the ENSEO STB to the HDMI monitor via the HDMI cable and power both up. The ENSEO STB takes about 2 minutes to boot up.
- If an informational splash screen displays, note the firmware version and click **Setup** on the remote.
- If no informational splash screen displays, click **Info** on the remote. On line 2, find *FW*, note the firmware version, and proceed as outlined in the table below.

If you have ENSEO model	Verify that firmware is	If yes	If no
900-0043	2.16.16.74	Skip to step C	Go to step B
10-3300-31316	2.16.16.74	Skip to step C	Go to step B
10-3300-31314	2.16.9.3	Skip to step C	Contact Precor
10-3100-31313	2.15.43.29	Skip to step C	Contact Precor



Only update firmware as directed. Failure to do so will result in irreparable damage to the ENSEO STB.

## B. Update the firmware on the ENSEO set top box (STB)

Follow step B only if directed to do so above!

1. Download the 2.16.16.74 **update.eoc** file [here](#).
2. Save the file to a USB drive.
3. Insert the USB drive into either USB slot on the STB.
4. Click **Setup** on the remote.
5. Select **Service Options**.
6. Select **Update Options**.
7. Select **Start Firmware Update**.
8. Select **Update via USB**. The update takes about 2 minutes.
9. Once complete, the STB will reboot automatically.
10. Repeat for each ENSEO STB to be installed.

## C. Download all necessary software and programs

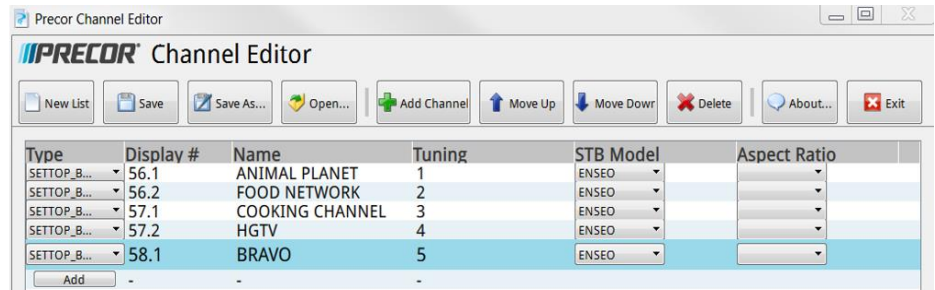
1. If not yet installed, download the Channel List Editor program [here](#) and install it on your laptop.
2. Download the **cloneSettings.zip** file [here](#).
3. Extract the files from the zip files.
4. Save the **cloneSettings.xml** to the USB drive.

## D. Configure the ENSEO set top box (STB) settings

1. Insert the USB drive into either USB slot on the STB.
2. Click **Setup** on the remote.
3. Select **Service Options**.
4. Select **USB Cloning**.
5. Select **Update Options**.
6. Select **Settings**.
7. Select **Settings from USB**.
8. Remove the USB drive.
9. Reboot the ENSEO STB.

## E. Create a channel lineup list to import to the P80 in the Channel List Editor (CLE)

	56.1 ANIMAL PLANET HD	1
	56.2 FOOD NETWORK HD	2
	57.1 COOKING CHANNEL HD	3
	57.2 HGTV HD	4
	58.1 BRAVO HD	5



### DIGITAL CHANNELS and IPTV CHANNELS

A digital channel number may display dashed (i.e. 22-1, or 22\_4). When entering on the CLE, replace the dashed format with a decimal point format (i.e. 22-1 becomes 22.1 and 22\_4 becomes 22.4).



### ANALOG CHANNELS

If the channel lineup includes analog channels, match the tuning field in the CLE to the channel number. Proceed with sequential numbering of the digital channel as discussed omitting the channel numbers reserved for the analog channels.

1. Print and refer to the channel lineup list from the customer.
2. Open the Channel List Editor (CLE) program on your laptop.
3. Click **Add** to add a channel.
4. Set **Type** to **SETTOP\_BOX**.
5. Using the channel lineup list from the customer, type the channel number of the first channel into the **Display #** field in the CLE. (see picture below)
6. Type the name of the channel into the **Name** field.
7. Type **1** in the **Tuning** field.
8. To add additional channels, repeat steps E3 through E8 increasing the tuning number sequentially.
9. Note the tuning number you assigned in the CLE on the channel lineup from the customer. You will need this annotated list on site to complete the install.
10. Insert the USB drive into your computer.
11. Access the USB drive file view.
12. Create a folder called **precor** (lowercase).
13. In the channel list editor click **Save As...** and name the channel list file **channel-guide**
14. Save the file in the **precor** folder on the USB drive.

**This concludes the required preparatory steps before arrival at the install site.  
You can now go to the site to finish the installation.**

### AT THE INSTALLATION SITE



**If you are working with IPTV, skip to step H**

## F. Scan available channels

1. Connect the ENSEO set top box (STB) to the HDMI monitor via the HDMI cable and turn both on.
2. Connect the facility coax cable to the ENSEO STB.
3. Click **Setup** on the remote.
4. Select **Channel Options**.
5. Select **Tuning Mode** and set to **Cable**.
6. Select **Auto Channel Install** and click **OK**.
7. The ENSEO STB will then scan all available channels. The scan may take up to 45 minutes.

## DIGITAL CHANNELS

### G. Build the ENSEO STB channel ring

1. Click **Setup** on the remote.
2. Select **Channel Options**.
3. Select **Edit Channel List**.
4. Select **Channel** and set to **Channel 1**, matching your annotated channel lineup list from the customer.
5. Select **Include in List** and set to **Yes**.
6. Select **Type** and set to **Digital**.
7. Select **Selection Method** and set to **Direct**.
8. Select **Browse Digital Channels** and select the first channel from the channel list you received from the customer. When selected, the channel will appear in the background on the TV.
9. Select **Authorization Required** and set to **Yes**.
10. To add additional channels, Select **Channel** and set to the **next sequential number**, matching your annotated channel lineup list from the customer and repeating steps E-5 through E-9 for each channel.

SETUP		CHANNEL LIST
Channel	▶	Channel 1
Include in List	▶	Yes
Type	▶	Digital
<b>Browse Digital Channels</b>	▶	<b>56.1</b>
Selection Method	▶	Direct
Digital Channel	▶	
Label	▶	
Logo	▶	
Authorization Required	▶	
Back	▶	

ENSEO STB menu

Type	Display #	Name	Tuning	STB Model	Aspect Ratio
SETTOP_B...	56.1	ANIMAL PLANET	1	ENSEO	
SETTOP_B...	56.2	FOOD NETWORK	2	ENSEO	
SETTOP_B...	57.1	COOKING CHANNEL	3	ENSEO	
SETTOP_B...	57.2	HGTV	4	ENSEO	
SETTOP_B...	58.1	BRAVO	5	ENSEO	
Add	-	-	-	-	-



If the ENSEO STB channel scan did not find all the channels in your saved CLE file, you will have to modify the CLE file to match the channels found.

## H. IPTV

1. Click **Setup** on the remote.
2. Select **Channel Options**.
3. Select **Edit Channel List**.
4. Select **Channel** and set to a **Channel number**, matching the channel number from the IPTV provider.
5. Select **Include in List** and set to **Yes**.
6. Select **Type** and set to **Udp streaming**.
7. Select **IP Address** and enter the IP address provided by the IPTV provider.
8. Select **Port** and enter the port number provided by the IPTV provider.
9. To add additional channels, Select **Channel** and set to the **next channel number**, matching the channel number from the IPTV provider and repeating steps 5 through 9 for each channel.

If you are installing **one** ENSEO STB skip to step **L**.  
If you are installing **multiple** ENSEO STBs go to steps **J** and **K**.

### J. Clone the channel ring to easily copy to other ENSEO STBs

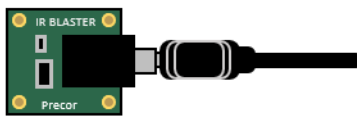
1. Insert the USB drive into either USB slot on the STB.
2. Click **Setup** on the remote.
3. Select **Service Options**.
4. Select **Update Options**.
5. Select **USB Cloning**.
6. Select **Ring**.
7. Select **Ring to USB**.
8. Click the left arrow on the remote to exit.
9. Remove the USB drive.

### K. Import the cloned channel ring to other ENSEO STBs

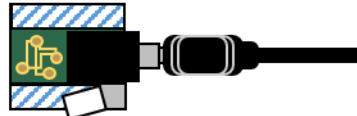
1. Insert the USB drive into either USB slot on the STB.
2. Click **Setup** on the remote.
3. Select **Service Options**.
4. Select **Update Options**.
5. Select **USB Cloning**.
6. Select **Ring**.
7. Select **Ring from USB**.
8. Remove the USB drive.

Follow steps J and K only if directed to do so above!

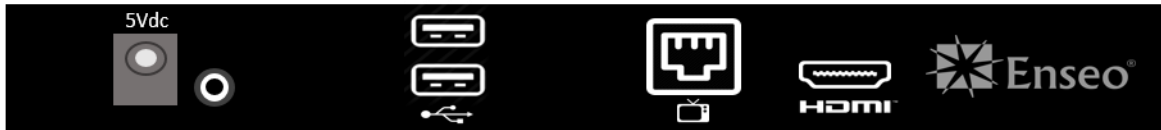
## L. Connect the STB to fitness the equipment



1. Connect the IR blaster board to the IR blaster cable



2. Remove the tape backing paper on the IR blaster board



3. Locate the IR receiving eye



4. Attach the IR blaster board over the IR receiving eye



5. Secure the IR blaster board with Gaffers tape.

6. Connect the HDMI cable from the fitness equipment to the STB.
7. Connect the STB power cable and plug it in.
8. Connect the coax cable to the STB

## M. Import channels to the console

1. Insert the USB drive into the USB slot on the front of the P80 console.
2. Press and hold the **Pause** key while pressing **CH up, Vol down, Vol up, CH down** in sequence.
3. Type **51765761** and tap **OK**.
4. Tap **System Settings**.
5. Tap **TV Settings**.
6. Tap **TV source**.
7. Select **Set Top Box** and click **OK**.
8. Tap **Export/Import Channels**.
9. Select **Import from USB**.
10. Once the TV channels have been successfully imported, tap **OK**.
11. Tap **Back** until back at the *Welcome* screen.
12. Remove the USB stick.
13. Cycle through all TV channels on the P80 to verify proper functionality.

## N. Import channels to the P80 console

Repeat steps J and K for each unit you install.