CAPTIVE WORKS

CW1000S

User Manual

Physical Installation

Connect box as required.

> Yellow RCA=Composite Video (use included cable)
> Black 4 pin DIN= S-Video
> 15 pin d-sub=VGA
> Green 1/8" mini-jack=Stereo Audio (use included cable)
> LNB IN F Connector=Satellite LNB connection
> LNB Out F Connector=Satellite loop to another device. (note Only 1 device will work at a time)
> Power=Power from wall or other suitable outlet.

Remote buttons in Blue screens are as follows:

up/down = Move up or down on large buttons or, change values in setup screens
left/right = Move from item to item in setup screens
Mute = Backspace
Rew = Move cursor left
FF = Move cursor right
Back = Home
Forward = End
Enter = select item highlighted
Red = context button on bottom of screen
Green = context button on bottom of screen
Yellow = context button on bottom of screen
Blue = context button on bottom of screen
Numbers = numbers or letters in text entry areas. The numbers work like a cell phone. The letters for each number are below the number on the remote.

System Setup

NOTE: Box will not function without initial setup.

Choose admin from the main screen. Enter 1111 and press the blue button when prompted for a pin.

Set up network

Note: Do not enable the network unless you have a network connected. Enabling the network with out a connection will add ~1 minute to the boot process. If you disconnect the network be sure to disable the network in the Admin setup.

Choose Ethernet for a hard wired connection. Wireless is not functional. It is intended for future use. Choose Enabled: Yes to enable the network Choose Enabled : No to disable the network. Obtain an address assumes you are using DHCP on your network and needs no further setup. Enter Network Information is if you are using static addressing. You will need to fill in the address boxes as appropriate for your network. Press the blue button to save your changes

Setup satellites

Choose either Diseqc or None (single LNB). You then need to setup at least one LNB/Satellite. The port lines correspond to a diseqc switch port numbers. Fill out each line accordingly with LNB type and the satellite that LNB is aimed at. You may add a satellite that is not listed with the green button. You may edit the transponders on a satellite with the edit button. When done click the blue button to save the configuration

Scanning Satellites

Before you start, if you point to more than one provider you can offset a satellites channels by a given number to separate different service providers. The CW1000S numbers channels by the Service ID by default. You can edit them later but during scanning duplicate SIDs will overwrite a previous channel. This only applies if you are pointed at more than one provider's satellite(s). An offset of 10,000 is usually adequate. For providers with multiple satellites set all of their satellites to the same offset. That will preserve the original channel order.

First you should select the edit button for any satellite(s) that fit the description above. There you can set the offset. The channel numbers will add the offset to the SID to set the new channel number.

Once the offset is taken care of you should scan for available channels. You may either select each satellite's scan button to scan each satellite individually or you may press the red button to scan all satellites at once. In the scanning screen you will see a signal meter and 2 boxes with the video and audio channels scanned. Also there are 2 scanning options Thorough and Fast. The fast scan is faster but more prone to error on weak signals. Thorough will do a better job with weak signals but takes longer. Use whichever produces the best results for you. Press the green button to start the scan. Press the blue button to save the channel list after the scan is complete.

Once scanning is complete you may edit the channels found by pressing the yellow button in the satellite setup screen. Here you may delete unwanted channels or change the channel numbers. The red button deletes all channels the green button deletes the highlighted channel. The enter button allows you to assign a new channel number to the highlighted channel. (Note: you can not have duplicate channel numbers) Press the blue button to save your changes. If you make a mistake you can press the yellow button without saving to revert back to the list with the SID as the channel number. The changes will not take effect until the blue button is pressed to save your changes.

Updates

From the admin screen you can install system updates. Press enter on the Updates button.

The download button allows you to check for and download updates from the Internet. The default is the Captiveworks Open-Source site. Official releases will be posted here. To check for updates, use the up and down arrows to choose a server to check and then press enter on the check button. Any updates on the server will display in the files window. You may press the blue button to download a new update.

You may also add other sites that may be hosting updates for the system. The beauty of open source is that anyone may build packages for the system. Pressing the red button allows you to add a

server to check for updates. Enter the name, address, user name and, password, if required, of any server hosting system updates. The green button allows you to edit the currently highlighted server in your list. Press the blue button to save you new addition or changes.

Once you have downloaded an update You need to install the update. To do that you back out to the updates screen with the back button. then press enter on install button. You will see external and local. Local is any downloaded files from the Internet. External would be a file on a USB stick or, CD/DVDROM. Highlight the appropriate area and press the enter button. For local, you will be presented with a list of files that you have downloaded. Choose the one you want to install and press the blue button to install it.

For an external install you will need to have any update files on a USB stick or USB CD/DVDROM drive. Either device can be connected to the rear of the unit and used as an external source. Once connected, highlight the external entry and press the enter button. You will then see dvd, cdrom and, usb1. Select the device you are using and press enter. You will see a list of files on that device. Highlight the update file and press the blue button to install it.

The system button in the install screen will tell you the current version of software on the system.

Profiles

The CW1000S uses a unique system for parental control. It's a profile system. You can create profiles for different users and define the channels and applications available to each user. By default the system comes with 1 user, Admin. Admin is strictly for system setup and profile management. So far everything we have done is under the Admin profile. The user profile is where you will actually use the features of the CW1000S. You may also set up additional users for other family members or special uses. An example would be a children's user with only channels appropriate for children available. At the very least you need to create a user and add channels to the profile to be able to use the CW1000S.

Select Profiles from the Admin screen and press the enter button. This will take you to the Profile page. From here you can Add a user, Edit a user, assign satellite Channels to a user, assign Iptv Channels to a user, assign Web Sites to a user and, make applications available to a user.

Add User

Press enter on this button to create a new user. Fill in the blanks accordingly. If you do not set a pin anyone will have access to this user. Press the blue button to save when done.

Edit User

 Press enter on this button to make a change to a user. Here you mat change the display name, pin or icon. You may also delete a user by pressing the green button. This is where you can change the Admin pin. Press the blue button to save your changes.

Channels

Here you may select the satellite channels you want to be available for a user. Highlight the channel and press enter to select a channel. You may then choose add or remove to add or remove channels from a users channel list. Pressing enter on the Add All or Remove All will add or remove all channels from a users channel list. Press the blue button to save your changes.

IP Channels

This functions the same as the satellite channels with the addition of a country filter. You may choose the country's channels you wish to see and select from those. Add all will add all channels in the available box. Remove all will remove all channels in the selected list. Remember to press the blue button to save your changes.

Websites

This works the same as the channels sections.

Applications

Her you may choose the applications that a user may use. The CD and DVD applications only work with a connected USB drive. Music is for use with a USB stick or a CD/DVD filled with MP3s or other compressed audio formats. TV is satellite TV. IP TV only works with a network connection to the Internet. The Web application also requires an Internet connection. If you do not have the requirements for an application you may remove it from the menu here. Press the blue button to save your changes.

This concludes the system setup.

System operation

Remote button functions by applications

Remote Button	TV	IPTV/DVD/Video	Music/CD	Web Browser
Power	exit	exit	exit	exit
M	menu	jump to media menu	playlist	
C	program info		grab info	
E	EPG	eject	eject	
Red	recordings menu	jump to title menu	random toggle	
Green	schedule menu	jump to root menu		
Yellow		jump to subpicture menu		
Blue	audio channel	jump to audio menu		
Up	menu nav up	menu nav up	menu nav up	Previous link
Down	menu nav down	menu nav down	menu nav down	next link
Left	menu nav left	menu nav left	menu nav left	forward
Right	menu nav right	menu nav right	menu nav right	back
S	schedule menu			
BoxC	channel menu			
R	recordings menu			
rew	fast-rewind	decrement playback speed	skip 30 sec back	
rec	record	Reset Playback speed	reset playback speed	
ff	fast-fwd	increment playback speed	fast-fwd	
back	user2	skip 30 sec back	play previous mrl	scroll left
stop	stop	stop	stop	
next	user3	skip 30 sec fwd	play next mrl	scroll right
vol+	vol+	vol+	vol+	scroll up
vol-	vol-	vol-	vol-	scroll down
play	play	play	play	
ch+	next channel	next chapter		page up
ch-	previous channel	previous chapter		page down
exit	back			
pause	pause	pause	pause	
enter	menu select	menu select	select	
1	1	1		
2	2	2		
3	3	3		
4	4	4		
5	5	5		
6	6	6		
7	7	7		
8	8	8		
9	9	9		
0	0	0		
mute	mute	mute	mute	
T	timer menu			

<p style="text-align:center">Main system screen</p>

From the main system screen you may choose to shutdown or restart the system. This is also where you will choose the profile you will operate the system under. Highlight the profile you would like to use and press enter. The system will load your profile settings and take you to the applications screen. This is where you will choose the application you would like to use.

<p style="text-align:center">IP TV</p>

Note: An Internet connection is required for IPTV to work.

This is used to view streaming channels from the Internet. Press enter on the IP TV button. You will go to the selection screen where you can choose the country and the channel from that country that you wish to view. Select the country and then the channel you wish to view. Once selected press the play or the blue button to start viewing the stream. You may also add and/or remove channels from the list here by pressing the red or green buttons. To add a channel you need to enter the web address of the channel along with a name. You may also choose the country it should go under. Press the blue button to save your changes.

<p style="text-align:center">TV</p>

This is the satellite viewing application. Pressing the TV button will allow you to view satellite channels. The controls are listed above. The CW1000S records everything you watch. The record button can be pressed at anytime during a show and the show will be recorded from the start of the show or the time you tuned to that channel and will be saved. You can also pause live TV and rewind a missed part. You may play back any recordings by going to the recording menu with the R or red button. The Epg is activated with the E button. It will display EPG data if the data is available for the channel you are tuned to. You may also schedule recordings in the future using the EPG. Select the program that you would like to record and press enter. a window will open asking if you would like to record. The Exit button will give you a list of previously viewed channels to choose from.

<p style="text-align:center">Video</p>

Note: You need an external source for video files.

Pressing this button will take you to a screen where you may choose a video file to play. Choose external for a USB attached device. Navigate to the video file you would like to watch and press the blue button to play the file.

<p style="text-align:center">DVD</p>

Note: an external USB DVD drive is required for DVD viewing.

This is used to view DVD movies. This works like most DVD players with the controls listed above.

Music

Note: You need an external source for music files.

When you press this button you will be taken to a screen which allows you to select files to create a play list. The Play Mode allows you to change the way the play list is handled. Loop will repeat until you stop it. "Randomly play until all finished" will randomly play all songs once. "Randomly play and repeat" will randomly play until you stop it. You may also change the play mode with the red key while playing. A USB stick, CD or DVD are all external devices. Choose external and then the device you are using. you will be presented with a list of files. press enter on the file to select it. when you have made your selection highlight add or you may just add all. This will move the selected files to the selected window. When your play list is complete press the blue button to play it.

Web

Note: You need an Internet connection for web to function.

When you press this button you will be taken to a screen to choose a website to visit. You may choose a website to visit from the list included or you may enter your own using the red button. You may remove a site with the green button. Press the blue button to open the selected page.

CD

Note: an external USB CD/DVD drive is required for CD listening.

Pressing the CD button allows you to play a CD in a connected drive. The controls work like a standard CD player.