



Importer v4.X.X WebAdmin

STS-02-2059

Rev. C Date: <08-02-2012>

Applies for all 4.X versions of the Importer software.

The Importer Web Admin is used as a management tool in replacement of the Broadcast Electronics Dashboard.

After installation a WebAdmin shortcut will be created on the Desktop. If you are missing this shortcut then open Internet Explorer and go to this URL **http://localhost/WebAdmin/SignIn.aspx**

Importer Web Admin Functions

- Edit Presets Configurations to change bandwidth (pg. 3)
- Create new Preset Configuration (pg. 4)
- Setting Genre for MPS, SPS1, SPS2, and SPS3 Services (pg. 6)
- Active and Synchronize a Configuration (pg. 8)
- View Messages/Warnings (pg. 2 and 9)
- Manage passwords (pg. 10)
- View License Info (pg. 10)

The IDi-40 can be configured for three modes of operation:

- MP1 – has a bandwidth of 96 kbps
- MP2 – has a bandwidth of 108 kbps
- MP3 – has a bandwidth of 120 kbps

- Run Web Admin from the Desktop on the IDi-40
 - User Name is: admin
 - Password is: admin



The Web Admin interface has 5 different Tabs:

The screenshot shows the HD Radio web admin interface. The top navigation bar includes tabs for Exporter, Importer, Monitor, Administration, and Client Configuration. The main content area is split into two panels. The left panel shows the 'Exporter Configuration' with a table for 'Current Exporter Channel Configuration' and a 'Messages/Warnings' section. The right panel shows the 'Importer Configuration' with a table for 'Channel configuration (Bytes/PDU)', a table for 'Services (Bits/Sec; mouseover for Bytes/PDU)', and an 'Active Status' section.

Channel	Total Size	Fixed Size	MPA Size
P1	18269	6102	12145
P3	573	573	0

Channel	Total Size	Fixed Size	MPA Size
P1	18269	6102	12145
P3	573	571	0

Channel	Service Name	BW	Stream
P1	audio	MPS	65383 Core
P1	audio	SPS1	15940 Core
P1	audio	SPS2	15940 Core
P1	data	SIG	775 Standard-Packet
P3	audio	SPS3	24559 Core

- **Exporter** tab shows current Exporter's status
- **Importer** tab show Importer's status and will be used to change configurations.
- **Monitor** tab is a for a future feature
- **Administration** tab is the where Services are configured/edited
- **Client Configuration** tab is where the password is changed and license info is located

Options of Administration Tab

The Administration Tab has three options:

Administration SubMenus: Service Provider Services Configuration

Service Provider by default only has one option: "self"

Administration SubMenus: Service Provider Services Configuration

The screenshot shows the 'Service Provider Management' interface. It has two main sections: 'Service Providers' and 'Services'. The 'Service Providers' section has a table with one entry 'Self' and buttons for 'Select', 'Edit', and 'Delete'. The 'Services' section has a table with five entries: MP1 (audio), SPS1 (audio), SPS2 (audio), SPS3 (audio), and SIG (data). Each entry has a 'Select' button.

ID	Name	Type
1	MP1	audio
2	SPS1	audio
3	SPS2	audio
4	SPS3	audio
5	SIG	data

Services settings for

option shows the default option MP1, SPS1, SPS2, SPS3, and SIG.

Administration SubMenus: Service Provider Services Configuration

The screenshot shows the 'Service Management' interface. It has a 'Select Service Provider' dropdown set to 'Self'. Below is a table with columns: ID, Name, Type, Genre, CA Level, CA NoAccessHsq, Service Token, Login, Pwd, Edit, and Delete. There are five entries for MP1, SPS1, SPS2, SPS3, and SIG.

ID	Name	Type	Genre	CA Level	CA NoAccessHsq	Service Token	Login	Pwd	Edit	Delete
1	MP1	audio	Non specific	not-used			mps_sp	mps_sp_pwd	Edit	Delete
2	SPS1	audio	Non specific	not-used			sps_one	sps_one_pwd	Edit	Delete
3	SPS2	audio	Non specific	not-used			sps_two	sps_two_pwd	Edit	Delete
4	SPS3	audio	Non specific	not-used			sps_three	sps_three_pwd	Edit	Delete
5	SIG	data	Non specific	not-used			sig	sig_pwd	Edit	Delete
0	New	Type	Genre	Ca Level	No Access Mqg		Login	Pwd	Add New	

Configuration added

option shows all default/edited or configurations.



Administration SubMenus: Service Provider Services Configuration

Available Configurations

ID	Mode	Active		Channels (Bytes/PDU)	
				Name	Size
11	FM_HYBRID_MP3_SPS1_B	-	Select	P1	18269
12	FM_HYBRID_MP3_SPS2	-	Select	P3	573
13	FM_HYBRID_MP3_SPS2_B	-	Select		
14	FM_HYBRID_MP3_SPS3	Yes	Select		
15	FM_ALL_DIGITAL_MP5_SPS0	-	Select		
16	FM_ALL_DIGITAL_MP5_SPS1	-	Select		
17	FM_ALL_DIGITAL_MP5_SPS2	-	Select		
18	FM_ALL_DIGITAL_MP6_SPS0	-	Select		
19	FM_ALL_DIGITAL_MP6_SPS1	-	Select		
20	AM_HYBRID_MA1_SPS0	-	Select		

Services (Bits/Sec; mouse over for Bytes/PDU)					
ID	Name	Type	Prg/Port	Core	EnhBW
SIG	data	32		P1	775
0	MPS	audio	0	P1	65383
1	SPS1	audio	1	P1	15940
2	SPS2	audio	2	P1	15940
3	SPS3	audio	3	P3	24559
<	>				

Edit Presets Configurations to change bandwidth

Note: To add bandwidth to any audio service it must first be removed from another audio service.

- Select the Administration tab
- In the Administration tab select the Configuration option
- Click on the Select button of the configuration to be modified.
 - Cannot modify an ACTIVE Configuration.
- Click on the Edit button

Administration SubMenus: Service Provider Services Configuration

Available Configurations

ID	Mode	Active		Channels (Bytes/PDU)	
				Name	Size
11	FM_HYBRID_MP3_SPS1_B	-	Select	P1	18269
12	FM_HYBRID_MP3_SPS2	Yes	Select	P3	573
13	FM_HYBRID_MP3_SPS2_B	-	Select		
14	FM_HYBRID_MP3_SPS3	-	Select		
15	FM_ALL_DIGITAL_MP5_SPS0	-	Select		
16	FM_ALL_DIGITAL_MP5_SPS1	-	Select		
17	FM_ALL_DIGITAL_MP5_SPS2	-	Select		
18	FM_ALL_DIGITAL_MP6_SPS0	-	Select		
19	FM_ALL_DIGITAL_MP6_SPS1	-	Select		
20	AM_HYBRID_MA1_SPS0	-	Select		

Services (Bits/Sec; mouse over for Bytes/PDU)					
ID	Name	Type	Prg/Port	Core	EnhBW
SIG	data	32		P1	775
0	MPS	audio	0	P1	65383
1	SPS1	audio	1	P1	15940
2	SPS2	audio	2	P1	15940
3	SPS3	audio	3	P3	24559
<	>				

- Click on the Change button for the audio service that needs to reduce bandwidth the change the value of the bit rate to a lower value that will release the amount of bandwidth you want to reallocate to another audio service and click the ok button



Manage Services

ID: 14 (FM_HYBRID_MP3_SPS3)

1. Allocate Audio bandwidth

BW allocation for Audio Programs in Configuration (Bits/Sec; mouseover for Bytes/PDU)

Prg ID	Audio Service	Service Provider	Service	CoreChnl	CoreBW	EnhChnl	EnhBW	
0	MPS	Self	MPS	P1	65383 Range: 32134-65383 AvailBw: 0			Change
1	SPS1	Self	SPS1	P1	15940 Range: 9394-15940 AvailBw: 0			Change
2	SPS2	Self	SPS2	P1	15940 Range: 9394-15940 AvailBw: 0			Change
3	SPS3	Self	SPS3	P3	24559 Range: 9935-24559 AvailBw: 0			Change

2. Manage Data Services

Configure Data Services (Bits/Sec; mouseover for Bytes/PDU)

No	Service Provider	Service ConfigType	Associated Service	Chnl	QosName	BW	Port Number	
0	Select SP	Select Service	Select Type	Select Associated Service	Select Channel	Select QosName	0	0
							AvailBw: n/a	Range:1025-20735
1	Self	SIG	main	SIG	P1	Standard-Packet	775	32
							AvailBw: 118	Fixed

Update Configuration
Cancel
Back to Configurations

➤ Last, click on Update Configuration button

Manage Services

ID: 14 (FM_HYBRID_MP3_SPS3)

1. Allocate Audio bandwidth

BW allocation for Audio Programs in Configuration (Bits/Sec; mouseover for Bytes/PDU)

Prg ID	Audio Service	Service Provider	Service	CoreChnl	CoreBW	EnhChnl	EnhBW	
0	MPS	Self	MPS	P1	65383 Range: 32134-65383 CurrBw: 65383 AvailBw: 0			OK Cancel
1	SPS1	Self	SPS1	P1	15940 Range: 9394-15940 AvailBw: 0			Change
2	SPS2	Self	SPS2	P1	15940 Range: 9394-15940 AvailBw: 0			Change
3	SPS3	Self	SPS3	P3	24559 Range: 9935-24559 AvailBw: 0			Change

Update Configuration
Cancel
Back to Configurations

➤ Do not modify Data Services, use the default values.

Create new Preset Configuration

- Select the Administration tab
- In the Administration tab select *Configuration* option
- Select a Base Mode, MP1, MP2 or MP3 then click the Add new button on the right side.

Available Configurations

ID	Mode	Active		Channels (Bytes/PDU)	
11	FM_HYBRID_MP3_SPS1_B	-	Select	Name Size	
12	FM_HYBRID_MP3_SPS2	Yes	Select	P1 18269	
13	FM_HYBRID_MP3_SPS2_B	-	Select	P3 573	
14	FM_HYBRID_MP3_SPS3	-	Select	Services (Bits/Sec; mouseover for Bytes/PDU)	
15	FM_ALL_DIGITAL_MP5_SPS0	-	Select	ID Name Type:Prg/Port CoreBW EnhBW	
16	FM_ALL_DIGITAL_MP5_SPS1	-	Select	0 MPS audio:0 P1:65383	
17	FM_ALL_DIGITAL_MP5_SPS2	-	Select	1 SPS1 audio:1 P1:15940	
18	FM_ALL_DIGITAL_MP6_SPS0	-	Select	2 SPS2 audio:2 P1:15940	
19	FM_ALL_DIGITAL_MP6_SPS1	-	Select	3 SPS3 audio:3 P3:24559	
				< >	

Add New
Remove
Edit

➤ Provide a name, then click CreateNew button. Try to make the

name descriptive for the MPX mode and bandwidth allocation. I.E. BE_MP3 (48,32,16,24)



Add New Configuration

1. Assign Name
Name:

2. Select a base configuration

ID	Description	Mode	
11	FM_HYBRID_MP3_SPS1_B_BASE	FM_HYBRID_MP3	Select
12	FM_HYBRID_MP3_SPS2_BASE	FM_HYBRID_MP3	Select
13	FM_HYBRID_MP3_SPS2_B_BASE	FM_HYBRID_MP3	Select
14	FM_HYBRID_MP3_SPS3_BASE	FM_HYBRID_MP3	Select

Channels (Bytes/PDU)

Name	Size
P1	18269
P3	573

Audio Services (Bits/Sec; mouseover for Bytes/PDU)

- Change the bit rate for each audio service by first reducing the bandwidth on one audio service by clicking on its change button, then reducing its CoreBW bits/sec value, then click ok. Then add that extra bandwidth to the other(s) channels. By also clicking its change button, then modify its CoreBW bits/sec value. Then click the Save New Configuration

Manage Services

ID: 14 (BE_MP3 (48,32,16,24))

1. Allocate Audio bandwidth

BW allocation for Audio Programs in Configuration (Bits/Sec; mouseover for Bytes/PDU)

Prg ID	Audio Service	Service Provider	Service	CoreChnl	CoreBW	EnhChnl	EnhBW	
0	MPS	Self	MPS	P1	65383 Range: 32134-65383 AvailBw: 0			Change
1	SPS1	Self	SPS1	P1	15940 Range: 9394-15940 AvailBw: 0			Change
2	SPS2	Self	SPS2	P1	15940 Range: 9394-15940 AvailBw: 0			Change
3	SPS3	Self	SPS3	P3	24559 Range: 9935-24559 AvailBw: 0			Change

- A confirmation message on the screen will show that the New Configuration was saved successfully, click the Update Configuration button to update the IDi-40.

Manage Services

ID: 14 (BE_MP3 (48,32,16,24))

1. Allocate Audio bandwidth

BW allocation for Audio Programs in Configuration (Bits/Sec; mouseover for Bytes/PDU)

Prg ID	Audio Service	Service Provider	Service	CoreChnl	CoreBW	EnhChnl	EnhBW	
0	MPS	Self	MPS	P1	48328 Range: 32134-48328 AvailBw: 0			Change
1	SPS1	Self	SPS1	P1	31962 Range: 9394-31962 AvailBw: 0			Change
2	SPS2	Self	SPS2	P1	15940 Range: 9394-15940 AvailBw: 0			Change
3	SPS3	Self	SPS3	P3	24559 Range: 9935-24559 AvailBw: 0			Change

Audio Services Change successful.

confirmation message on the screen will show that the Configuration was updated successfully.



Manage Services

ID: 21 (BE_MP3 (48,32,16,24))

1. Allocate Audio bandwidth

BW allocation for Audio Programs in Configuration (Bits/Sec; mouseover for Bytes/PDU)

Prg ID	Audio Service	Service Provider	Service	CoreChnl	CoreBW	EnhChnl	EnhBW	
0	MPS	Self	MPS	P1	48328 Range: 32134-48328 AvailBw: 0			Change
1	SPS1	Self	SPS1	P1	31962 Range: 9394-31962 AvailBw: 0			Change
2	SPS2	Self	SPS2	P1	15940 Range: 9394-15940 AvailBw: 0			Change
3	SPS3	Self	SPS3	P3	24559 Range: 9935-24559 AvailBw: 0			Change

Update Configuration

Cancel

Back to Configurations

Update Config successful.

- Click Back to Configurations to exit Manage Services window.
- The ID configuration that you just created will show as the next available ID #.

Available Configurations

ID	Mode	Active	Select
21	BE_MP3 (48,32,16,24)	-	Select

Add New

Remove

Edit

Channels (Bytes/PDU)				
Name	Size			
P1	18269			
P3	573			

Services (Bits/Sec; mouseover for Bytes/PDU)				
ID	Name	Type:Prg/Port	CoreBW	EnhBW
	SIG	data:32	P1:775	
0	MPS	audio:0	P1:48328	
1	SPS1	audio:1	P1:31962	
2	SPS2	audio:2	P1:15940	
3	SPS3	audio:3	P3:24559	

Rules:

- The total bit-rate cannot exceed the total bit-rate for the channel.
- The total MPS bit-rate cannot be less than 32 Kbps.
- Any bit-rate below 31962kbs will default to mono.
- The minimum bit-rate for any audio service is 10 Kbps.

Notes:

- All configurations are listed in the Administration/Configuration window
- Use the WebAdmin to select the Edited or New Configuration.
- BE does not provide preset configurations. All configurations are iBiquity installed defaults.
- MP1 is the Main HD Radio channel
- SPS1 = 1st Secondary channel
- SPS2 = 2nd Secondary channel
- SPS3 = 3rd Secondary channel

Setting Genre for MPS, SPS1, SPS2, and SPS3 Services

- Select the Administration tab



- In the Administration tab select Services option

Administration SubMenus: Service Provider Services Configuration

Service Management											
Select Service Provider: Self											
Services											
ID	Name	Type	Genre	CA Level	CA NoAccessMsg	Service Token	Login	Pwd			
1	MPS	audio	Non specific	not-used			mps_sp	mps_sp_pwd	Edit		Delete
2	SPS1	audio	Non specific	not-used			sps_one	sps_one_pwd	Edit		Delete
3	SPS2	audio	Non specific	not-used			sps_two	sps_two_pwd	Edit		Delete
4	SPS3	audio	Non specific	not-used			sps_three	sps_three_pwd	Edit		Delete
5	SIG	data	Non specific	not-used			sig	sig_pwd	Edit		Delete
0	New	Type	Genre	Ca Level	No Access Msg		Login	Pwd	Add New		

➤ MPS Genre has to be changed on the Exporter

- Select the station tab on the right hand side, and then select "station program control". Click on the pull down and choose the program type.
- Choose Edit on SPS1, SPS2, SPS3 Service
- In the Genre column click the drop down arrow and choose the appropriate Genre.
- **Do not change the default login or password.**

Service Management											
Select Service Provider: Self											
Services											
ID	Name	Type	Genre	CA Level	CA NoAccessMsg	Service Token	Login	Pwd			
1	MPS	audio	Non specific	not-used			mps_sp	mps_sp_pwd	Edit		Delete
2	SPS1	audio	Soft Rock	not-used	n/a	n/a	sps_one	sps_one_pwd	Update	Cancel	
3	SPS2	audio	Non specific	not-used			sps_two	sps_two_pwd	Edit		Delete
4	SPS3	audio	Non specific	not-used			sps_three	sps_three_pwd	Edit		Delete
5	SIG	data	Non specific	not-used			sig	sig_pwd	Edit		Delete
0	New	Type	Genre	Ca Level	No Access Msg		Login	Pwd	Add New		

- Choose Update

Service Management											
Select Service Provider: Self											
Services											
ID	Name	Type	Genre	CA Level	CA NoAccessMsg	Service Token	Login	Pwd			
1	MPS	audio	Non specific	not-used			mps_sp	mps_sp_pwd	Edit		Delete
2	SPS1	audio	Soft Rock	not-used			sps_one	sps_one_pwd	Edit		Delete
3	SPS2	audio	Oldies	not-used			sps_two	sps_two_pwd	Edit		Delete
4	SPS3	audio	Adult Hits	not-used			sps_three	sps_three_pwd	Edit		Delete
5	SIG	data	Non specific	not-used			sig	sig_pwd	Edit		Delete
0	New	Type	Genre	Ca Level	No Access Msg		Login	Pwd	Add New		

Update Service successful.



Active and Synchronize a Configuration

- Changing Configurations requires to STOP and then choose RUN on the Importer Control Panel. The SPS CaptureClients must reconnect to the Audio Channel and the Send button must be selected.
- Only Run the appropriate SPS CaptureClient per Active Configuration
- Select the Importer Tab
- This will show you the current active configuration

Main Menus: Exporter Importer Monitor Administration Client Configuration																								
Importer Configuration																								
Channel configuration (Bytes/PDU)			Active Status: FM_HYBRID_MP3_SPS2 ID:12 Dynamic																					
<table border="1"> <thead> <tr> <th>Channel</th> <th>Total Size</th> <th>Fixed Size</th> <th>MPA Size</th> </tr> </thead> <tbody> <tr> <td>P1</td> <td>18269</td> <td>6080</td> <td>12177</td> </tr> <tr> <td>P3</td> <td>573</td> <td>571</td> <td>0</td> </tr> </tbody> </table>			Channel	Total Size	Fixed Size	MPA Size	P1	18269	6080	12177	P3	573	571	0	Active Exporter Mode: MP3 Display Exporter Mode: MP3									
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P1	18269	6080	12177																					
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P1	data	SIG	581 Standard-Packet																					
P3	audio	SPS2	24559 Core																					
			<input checked="" type="checkbox"/> Dynamic																					

- Use the Next and Previous button to navigate between preset configurations.
- Or type in a configuration ID and click the JumpTo ID button

Importer Configuration																								
Channel configuration (Bytes/PDU)			Active Status: FM_HYBRID_MP3_SPS2 ID:12 Dynamic																					
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Channel	Service Name	BW	Stream																					
P1	audio	MPS	65555 Core																					
P1	audio	SPS1	31962 Core																					
P1	data	SIG	581 Standard-Packet																					
P3	audio	SPS2	24559 Core																					
			<input checked="" type="checkbox"/> Dynamic																					

- Click the **Set** button with the Dynamic box checked (causes Exporter to not reboot)



Display Importer Config: FM_HYBRID_MP3_SPS3 ID:14

Next

Previous

JumpTo ID:

Set Dynamic

- It will prompt if you want to make changes, click Change

This will change the Importer configuration!

Cancel

Change

- This Message/Warning will show on the Exporter
- Click Synchronize

Exporter Configuration

Current Exporter Mode: MP3 Dynamic

Current Exporter Channel Configuration

Channel	Total Size*	Fixed Size*	MPA Size*
P1	18269	6080	12177
P3	573	573	0
PIDS	10	0	10

*Size Units: Bytes/PDU

Messages/Warnings:

Not synchronized - bandwidth mismatch

Synchronize

Tab

- If it connects and synchronizes correctly the Message/Warnings will be empty.

Exporter Configuration

Current Exporter Mode: MP3 Dynamic

Current Exporter Channel Configuration

Channel	Total Size*	Fixed Size*	MPA Size*
P1	18269	6102	12145
P3	573	573	0
PIDS	10	0	10

*Size Units: Bytes/PDU

Messages/Warnings:

Manage Password and License Info

- Select the Client Configuration tab
- Here you can change password and view the iBiquity License Expiration Date.
- Default User ID is admin and Password is admin



Client Configuration Page	
User ID:	<input type="text" value="admin"/>
Old Password:	<input type="text"/>
New Password:	<input type="text"/>
Verify New Password:	<input type="text"/>
<input type="button" value="Submit"/>	
License Info:	IsLicenseExpired: no Expiration Date: August 23, 2011 Tier: 1

File Location, Sound Cards and simple Diagnostics

At BE the factory saves the iBiquity's Request and Activation key in a text file on the C drive.

iBiquity Digital files are installed directories:

Importer Core Files

C:\Program Files\iBiquity Digital\Importer\Importer4.X\Servers – exes, license manager, xml files

Importer Tools Files

C:\Program Files\iBiquity Digital\Importer\Importer4.X\Clients - SPS CaptureClient and xml files.
(DataClient and SPSSstreamingClient are not used)

SQL Database

C:\Program Files\iBiquity Digital\Importer\Importer4.X\database – iBiquity

Importer Logs

C:\Program Files\iBiquity Digital\Importer\Importer4.X\log – location for logs shown on-screen

Running Applications shown in Task Manager

- ControlPanel.exe
- LogisticProcessor.exe
- ConnectionManager.exe
- Administrator.exe
- LogService.exe
- SPSCaptureClient.exe per secondary channel

Having Audio Dropouts

Open each SPS CaptureClient and choose Settings | SPS Settings and increase the Extra buffering, in Frames. Each Frame is 1.48 seconds of audio.



If there are dropouts on HD4 it's a 4th channel issue while using MP3 mode with extended bandwidth, the settings for SPS3 needs to be reduced by about 2kbps.

Is there a tool away to recreate the SQL database without having to uninstall and re-install the software?

Yes, if you go to DBAdmin, Start | All Programs | iBiquity Digital | Importer | DBAdmin, you can do a backup database; this saves everything in the database. If someone wants to copy just the configurations in WebAdmin, use the save and merge functions. This saves the config that is currently active and all other configs with saving the rest of the database (ie IP, passwords, etc...)

Sound Cards installed

Audio Science: <http://www.audioscience.com/> and Orban <http://www.orban.com/>

5041 – 4 channels PCI only AES

5044 – 4 channels PCI Analog/AES

5111 – 1 channel PCI Analog/AES

5211 - 1 channel PCI-e Analog/AES

6622 – 2 channels PCI-e Analog/AES

5641 – 4 channels PCI-e only AES

Orban – 1100 – PCI Analog/AES - Has problems with AES data shift (obsolete)

Orban – 1101(PCI) and 1101e (PCIe) – Analog/AES - Fixes the AES data shift

Audio Level adjustment

To adjust audio level on Audio Science cards use ASI control on the desktop of the IDi-40. Also each SPSCaptureClient module has a Gain adjustment.

Network card settings

IDi-40 computers have dual NICs, only one can be plugged and both enabled for the IDi-40 v4.3.1 to work. It has to be the one with the static IP address.

If one of the NICs is disabled or both connected, or both disconnected the IDi-40 may complain about problems with iBiquity licensing.

Importer Control Panel logging

By default the log messages will be displayed in the control panel window.

Error messages are displayed in Red, warnings in Yellow and debug in Black.

Forgot the WebAdmin password

Go to DBAdmin, Start | All Programs | iBiquity Digital | Importer | DBAdmin, and use the "save" function. This saves the configuration of WebAdmin to an .xml file. Open the xml file, and search for password, it should be listed along with the Login "admin". Once you know it, go back and open WebAdmin, and change it using the client configuration tab, or continue using the old password.

What Does ENH BW mean in the MP5 and MP6 configurations?

We recommend using MP1, MP2, or MP3 configurations only.

In the MP5 and MP6 modes the audio is sent by the HDC CODEC as core and enhanced audio streams (It is like the AM audio transport design where: Core= mono, Enhanced=Stereo layer) .

The P1 core portion of the stream is not addressable. However, the P2 Enhanced portion may be reduced to make additional bandwidth available for data services in the P2.

