

Basic Use guidelines

TANDBERG 880 *MXP* System

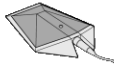


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SYSTEMS

Installing TANDBERG 880*MXP*

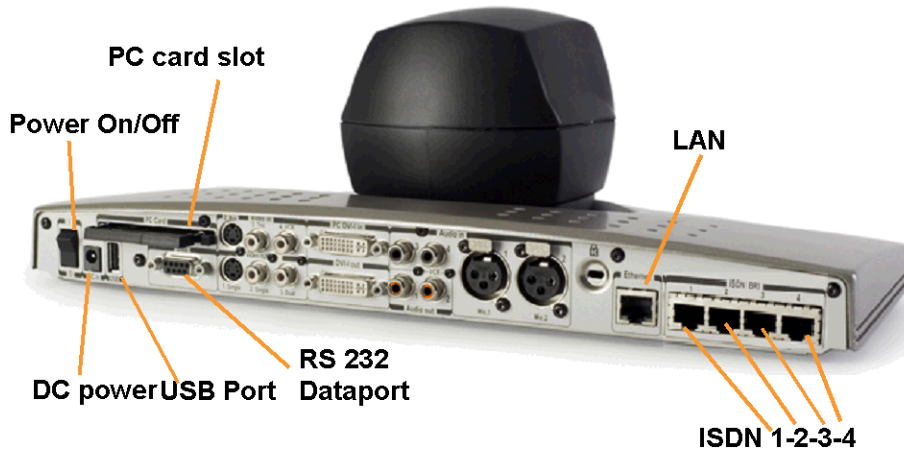
- Comes in 1 box
 - Videoconferencing System with built-in Camera
 - Power supply
 - Table Microphone
 - Remote Control with Batteries
 - User manual on CD
 - Cables



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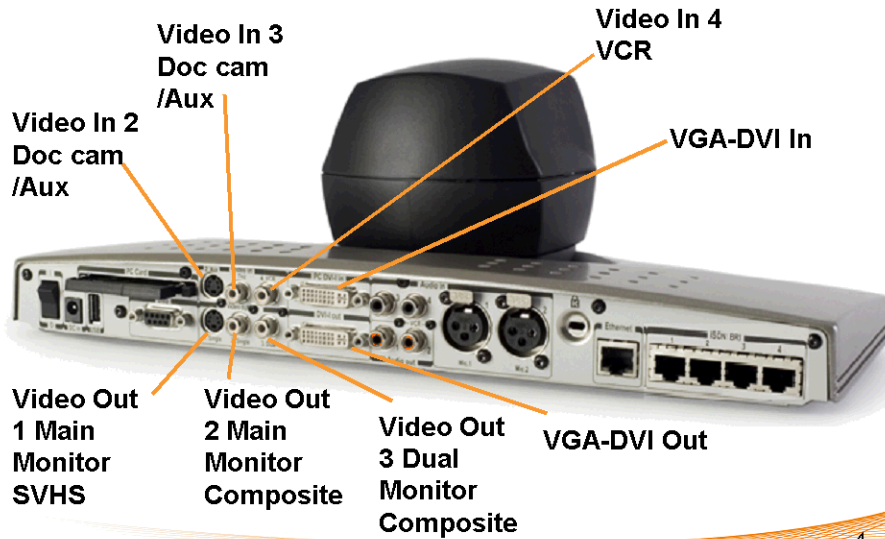
TANDBERG 880 *MXP* Network types



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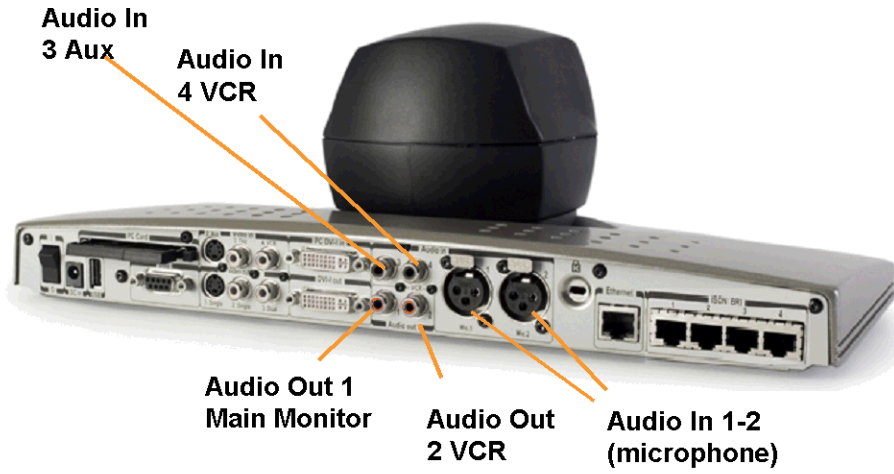
TANDBERG 880 *MXP* Video Input & Output



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TANDBERG 880 *MXP* Audio Input & Output



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Welcome Screen / Main-Menu

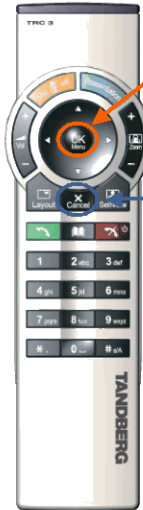


When not in a call this "image" is local video or your own welcome logo

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Important Buttons!



- **OK / Menu**

- Access the menu
- Choose/ affirm options

- **Cancel**

- Back out of menus
- Cancel actions

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Placing Video Calls

- The bottom portion of the remote is (first) a **dialing pad**

If **H.320 ISDN**: Dial Area Code + number, then Press **'Connect'**

If **ISDN International**: Dial 001 + County Code + Area Code + number, then Press **'Connect'**

* **'Cancel'** is use as **backspace**

If **IP / H.323...**

Dial **IP address** or **E.164 alias extension** and then Press **'Connect'**



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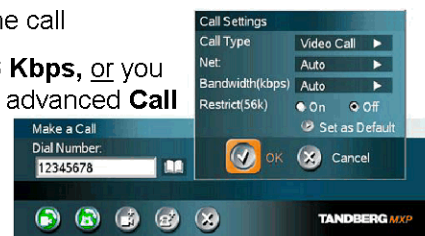
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Video Calls : Settings

When you place video call you can simply let the powerful TANDBERG ICM (Intelligent Call Management) set call-parameters automatically, Including:

- the **call type** (Video, Audio/telephone),
- the **default call speed (Bandwidth)**,
- the **network** to be used (ISDN or IP) and
- (when 'dialing') whether or not the call

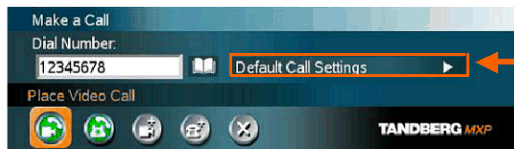
must be **Restricted** from **64-to-56 Kbps**, or you can adjust these by accessing the advanced **Call Settings**



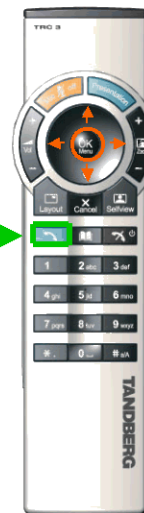
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Call Settings : *MXP*



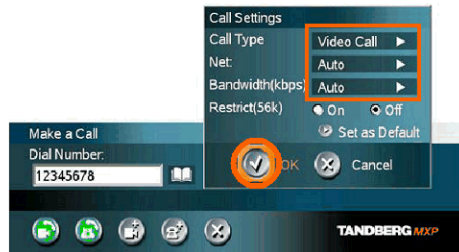
Press “**Connect**” then arrow over to **Default Call Settings** and select “**OK**”



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Call Settings : *MPX*



Make your adjustments using the **Arrow** and **OK** keys, then select **“OK”** and continue your dialing..







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Placing Video Calls

Using the Directory:

- Press: the **“Directory”** Book 
 - Highlight Name using **directional buttons** 
 - Press **“Connect”** 
 - Press **“Disconnect”** to end a call 
 - You will first be “Prompted” to either “Disconnect” or “Cancel”
 - Simply press Disconnect 2X to end call
- * To skip forward in the directory:**
- Hold “Down” arrow to scroll through pages
 - Or, press first digit of the desired contact using the alpha – numeric keypad




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Ending Multisite Calls

To drop one participant

- Press the 'Disconnect' button 
- Using the **Directional Keys**, highlight the desired **site to disconnect**
- Press **OK**

To disconnect all participants

- Press the 'Disconnect' button twice (x2) 




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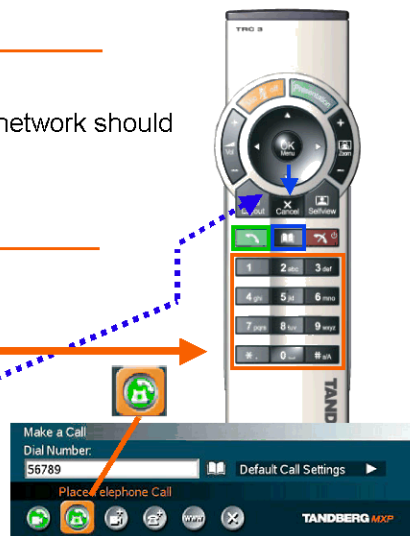
Adding or Placing Telephone Call

▪ Using the directory

- Press **'directory'**
- **Highlight name** of person to call (network should read telephone call)
- Press **'Connect'** 

▪ Manually


- Press **'Connect'** 
- **Enter the number**
- Press **'Down'**
- Highlight **'Place Telephone Call'**
- Press **'Connect'** 



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Modifying the 'Directory'

Press the 'Directory' button , then...

- Use the arrow key to move to the left menu
- Arrow / Scroll down and select 'My Contact' the third icon, labeled 'New' (press 'OK')
- Enter the Information specific to that person or location
- Arrow to 'OK' icon on screen and press the 'OK' button

Add New Entry

Name:

Number:

Call Type: Video Call ▶

Net: Auto ▶

Bandwidth(kbps): Auto ▶

Restrict(56k): On Off

OK Cancel



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Call Status Information

- From time to time you may want to view "Call Statistics" or "Channel Status" of your call. In this menu, you can view the speed of your call, the network you are calling on, the amount bandwidth committed to video, and other details simply by Pressing:

- **Main Menu**, then the **Up' Arrow**

- When done, Press **Cancel** to exit



Parameter	Current	Baseline
Call ID (AVS)		
System Name	10.41.3.30	
Call rate (Mbps)	768 Mbps	768 Mbps
Video protocol	H.264	H.264
Audio protocol	AAC-LD	AAC-LD
Display protocol	FLIC	FLIC
Video format	CVI	CVI
Video rate (Mbps)	144.0	240.0
Audio rate (Mbps)	128.0	128.0
Display rate (Mbps)	0.0	0.0
AVS (AVS/AVS/AVS)	0800	0800
Emergency status	off	off
Emergency check code		

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Call Status Information

Up/Down to scroll.

Calls 1/1: H323	Transmit	Receive
System Name: 10.47.8.30		
Call rate (kbps)	768 kbps	768 kbps
Video protocol	H263+	H263+
Audio protocol	AAC-LD	AAC-LD
Data protocol	FECC	FECC
Video format	iCIF	iCIF
Video rate (kbps)	141.0	74.0
Audio rate (kbps)	128.0	128.0
Data rate (kbps)	0.0	0.0
IPLR/Packet loss (%)	Off/0.0	Off/0.0
Encryption status	Off	Off
Encryption check code		

Call Status

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(ISDN Channel Status)

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Moving the Camera



When you have the main camera selection as your video source on-screen :

- The **directional arrows** will allow you to move the camera
- The **Zoom** button allows you to zoom in and out on people or objects



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Presets

Storing a presets:

- Choose(set) the camera position
- Pick a number to represent that preset
- **Press and hold** that number

Accessing a preset:

- **During a call**
 - **Press** the corresponding number to access a know preset
- **Before a call**
 - In the **Menu**, access the '**Camera Control**' and choose '**Save New Camera Preset**'
 - You can view or add new presets to corresponding numbers



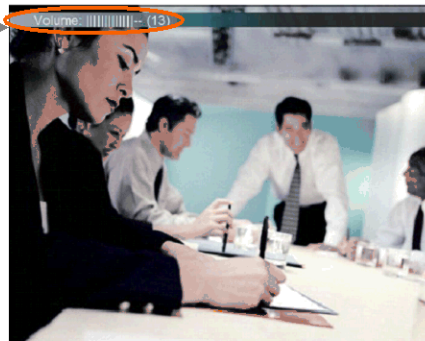
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Audio Functions

Volume Adjustment:



Press the "VOLUME + and -" keys to adjust volume level (An on-screen indicator will show the current level).



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Audio Functions

- **Mute:** To turn your microphone on/off during a call, **press** the “**Mic Off**” key. An on screen indicator  will appear on both sides when the microphone is off.
- During a point-to-point call, far side will get a message “**Microphone OFF at other side**” whenever you “**Mute**”
- The ‘**Mic Off**’: symbol  flashes when voice activity is detect in your room

this, then, also provide another another good way to test your microphone connectivity

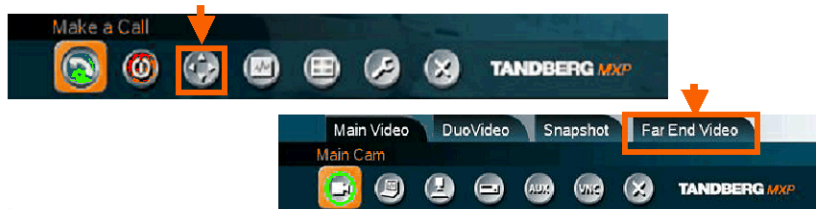


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Far End Camera Operation

- “**Far End Camera Control**” gives you the ability to access the remote camera and video source.
- In the **Main Menu**, Choose the **‘Move Camera’** icon
 - Select the **‘Far End’** option
 - Use corresponding keys to access far-end presets
 - Press ‘Presentation’ to access far-end video source
- Press ‘**OK**’ when done to deactivate far-end control



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'Self-view', 'Move PIP'



Self-view

- Toggles between seeing the remote image during a call, to viewing your local image
- Remote video will appear in a picture-in-picture on screen

Move Picture-In-Picture (Layout)

- toggle a self view picture to all four corners of the primary monitor and then turns it off

**Wide screen format will allow you to choose between side-by-side, Picture-out-of-Picture and full screen modes*

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"Layout" Possibilities

- Using the new Advance Widescreen **Layout** for rigid displays and projectors, you can combine up-to three different pictures in a call.

- Show **remote site**, **Presentation** and **Selfview**
- Change your screen **Layout** by pressing the **button**



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Showing Presentations

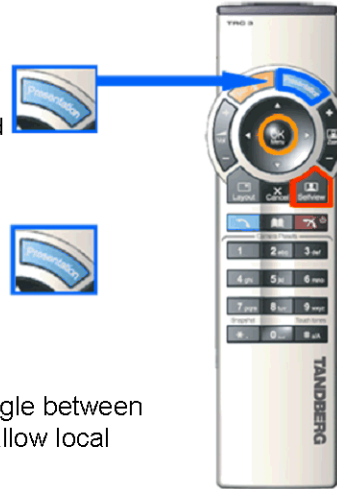
Automatically

- Press the 'Presentation' button to launch an **in-call view of your last selected source**.
- The video from this source will be displayed to the remote locations.
- Press again to **end presentation**

To "manually" select sources

- Press and hold the 'Presentation' button
- A screen will appear listing video source
- Highlight the **desired source**
- Press **'OK'**

REMEMBER: You must use 'selfview' to toggle between the far-end the local view to allow local camera PTZ adjustment



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Camera Preset

Save directly from the remote control:

- Move the camera to the desired position
- Press a number on the remote control for 1 second

Use preset directly from the remote control:

- Press a number on the remote control.
- The camera will move to the corresponding angle



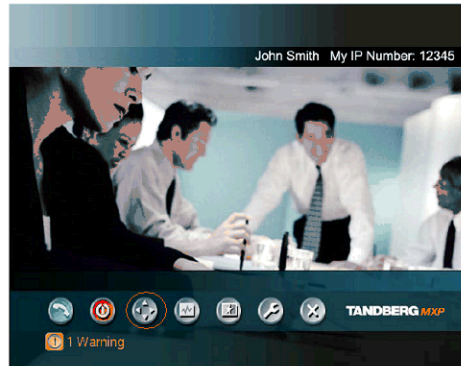
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Picture Control

Go to Camera Control -> Picture Control
in the Camera Control menu

- Focus
- Camera Brightness
- White Balance




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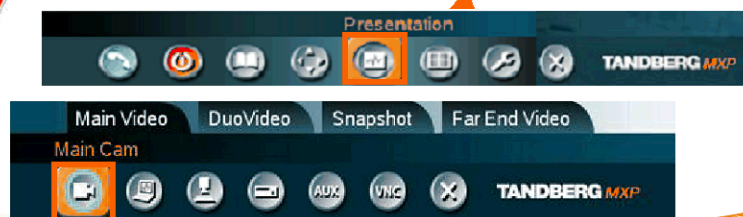
Video Sources

To toggle between sending difference source as your
main video screen:

- In the **Main Menu** Choose the 'Presentation'  symbol
- Selected the 'Main Video' option and choose the appropriate video source, and then simply press 'OK'



REMEMBER- go back to 'Main Cam' before
exiting out of the menu



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Receiving Inbound Calls

- When receiving a call, systems are normally set to 'Auto-answer + Mic Off'. The system will automatically accept the call and by default, "Mic Off" = your mic will be turn 'off' at the start in order to to better protect your privacy until wish to be "heard" by other
- If set to 'Manual-Answer' the system will prompt you to 'Accept' or 'Deny' the call; or can be set to 'Do not disturb'
 - Use the 'Directional Keys' to select your option and press 'OK'



(If you select "Deny", the caller will [probably] continue to attempt to make a connection with you. 'Do Not Disturb' will prevent any calls from ringing into your system by placing it in "busy" mode, and this can be cleared by pressing any key on the TANDBERG remote control)

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Request Floor and Release Floor

Release



Request




1. Open the Menu by pressing OK.
2. Choose Conference Services and press OK.
3. Choose Request Floor and press OK. A Floor indicator will appear when you have floor.
4. When done, press the same button again, which now means Release Floor. The Floor indicator disappears.

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“Standby” and “Do not disturb”

* Access by pressing ‘Disconnect’ when  not in a call

- **Delay standby** is used when you want to have your company logo present will not on a call



- **Standby** will not activate when showing PC content while not in a call

- **Standby** is use while not in a call black out in monitors (VESA Monitor Power Management)



- **Do Not Disturb** is used when you do not any incoming calls “ringing-in” to your system



Can be use to show local-only presentations uninterrupted by calls form the outside.

(‘Do Not Disturb’ will prevent any calls form ringing into your system by placing it in “busy” mode, and can be cleared by pressing any key on the remote or disconnecting your multisite call)

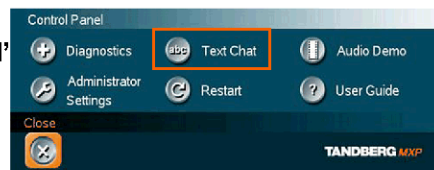
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“Text Chat”

Use the alpha-numeric keypad to type text messages / information:

- In the **menu**, go to ‘**Control Panel**’
- **Select** the ‘**Text Chat**’ icon
- **Enter text using the keypad**
- **Press ‘OK’ to close** window



- Text is display on the local and far-end monitor (*be careful what your type!!!*)
- For site participant can respond to your message
- One of several tools that can be use at an aid for hearing impaired

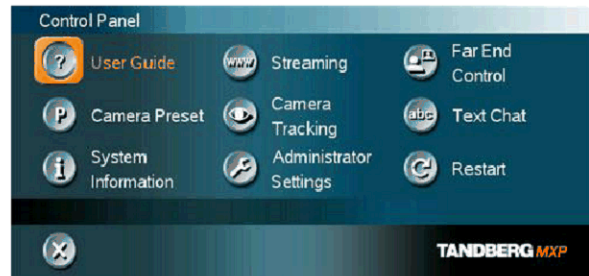
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To get Help...

At any time, you can always go from the main menu to **TANDBERG's User Guide** and select from variety of topics to get explanations and other 'How to' descriptions

- **Access** the menu, and go to '**Control Panel**'
- Then choose '**User Guide**'

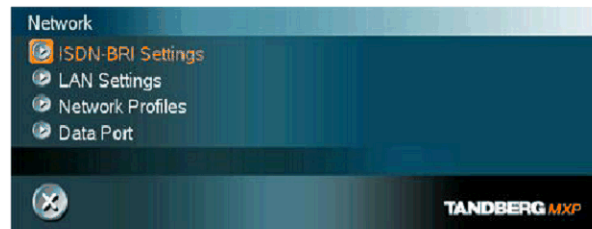


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ISDN and LAN settings menu

- Select Network from Administrator Settings menu
- The network menu contain :
 - ISDN-BRI settings
 - LAN settings
 - Network Profiles
 - Data Port



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PC Presenter^{TF}

- **Make presentations easy to hold**

- Connect the VGA-DVI cable to the PC Presenter (PC DVI-I in) connector on the codec.
- Connect the VGA-DVI cable to your PC (VGA Output).
- Press the Presentation key.
- Press the Presentation key again to end and go back to main camera.

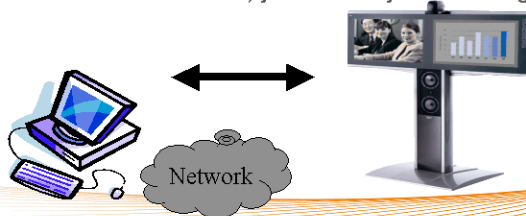


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PC SoftPresenter^{TF}

- **PC SoftPresenter is used to display PC images on your system**
- **The system and your PC must be connected to the same LAN.**
- **VNC server software must be installed on the PC.**
 - Start the VNC software on your PC.
 - You must configure VNC Settings. Open VNC Settings in the Presentation Settings.
 - Enter a IP address and Password of your PC
 - Press Save
 - If you choose VNC as video source, you will see your PC using VNC.



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Virtual Network Computing

- **VNC**

- Able to access computers on the network (must have password)
- Can scroll through a power point without having an end user by using the left and right arrow buttons
- VNC software is downloaded from:
- www.realvnc.com



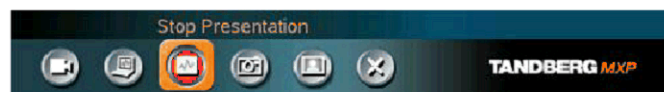
Adding Duo Video^{TF}

- **Automatically**

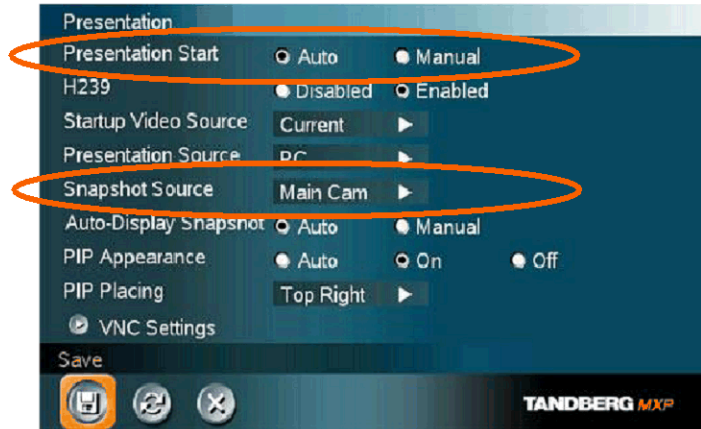
- “Presentation Start” in the Presentations Settings menu should be “Auto”
- Select Video Source from Presentation Source.
- And press OK or Presentation key to connect Duo Video.
- Press “Main Cam” when finished.

- **Manually**

- Open the Start Presentation from the Presentation Menu.
- Select video source listed on the screen
- press OK
- When finished select Stop Presentation and press OK



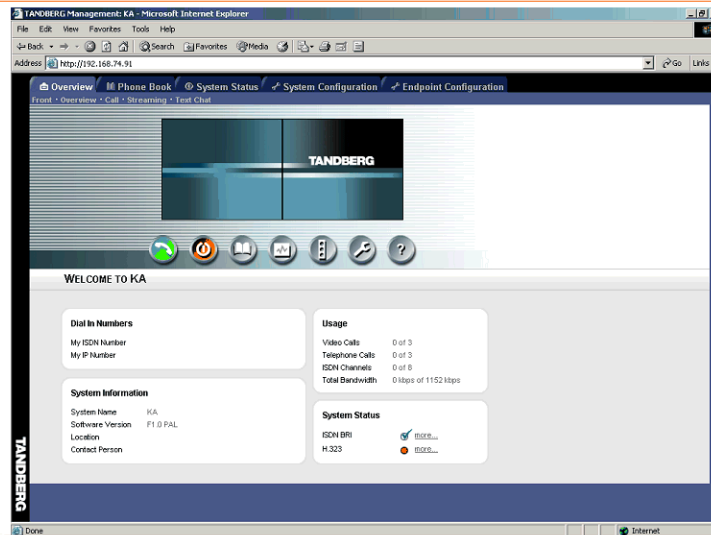
Configuration SnapShot & Duo Video^{TF}



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Web Base Management



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Streaming

Live videoconference on your PC

Start Streaming

- Open the Streaming menu from the Control Panel
- Press Start Streaming.
- Press Stop Streaming to end streaming.



View Streaming from a PC

- Start your Web browser and enter the IP-address of the streaming system.
- Click on Streaming.



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