MBTelehealth
Bringing health care closer to home

Otoscope
User Guide

For Tandberg 880 MXP and Edge 95
Video Conference Systems

Prepared by:
MBTelehealth
November 2007

Updated: October 2012

TABLE OF CONTENTS

1.0   OTOSCOPE

The digital otoscope is used for ear, nose and throat (ENT) examinations over telehealth. It has excellent imagery for lower sinus and upper throat examinations.

Otoscope   **Lightsource**

1.1   To Connect the Otoscope to the video conference system:

1. Plug one end of the S-Video cable into the **AUX Input** at the back of the codec.

**S – Video Connector**   **Rear View of Codec**

Aux Input

2. Plug the other end of the S-Video cable into the S – Video Out on the light source box.

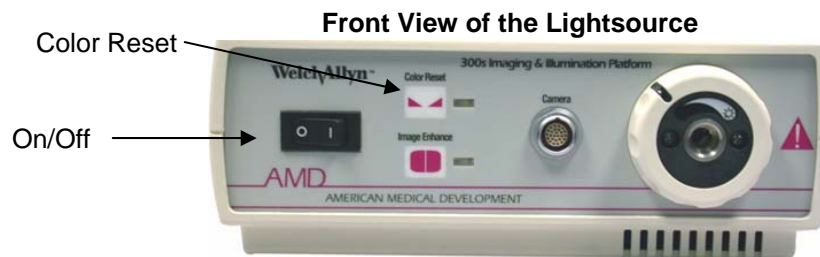**Rear View of the Lightsource**

S – Video Out

3. Press the **AUX** button on the Tandberg remote control to display the Document Camera image to the far site.

4. Press the **Main Cam** button to return to the previous view.

It is recommended that while using the otoscope, you view the near end image on your main screen. This will make it easier for you to see what you are doing.

1.2 To swap your main camera display:

1. Press the **Selfview** button on your remote control.

2. Press the **Selfview** button again to return to the previous view.

1.3 To operate the otoscope and lightsource:

Front View of the Lightsource

Color Reset

On/Off

1. Connect the otoscope to the lightsource then turn the lightsource on

2. Perform a **White Balance** (without the tip) by holding the otoscope one inch from a white piece of paper then pushing and holding the **Color Reset** button.

 Note: If the otoscope has not been white balanced, hold the color reset button until it stops flashing. If the otoscope has been previously white balanced properly, the color reset button may not flash.

3. Use the black winged **flange** on the otoscope to adjust the focus. Focus can be achieved using the focusing tool or if you don't have a focusing tool, by performing the following task:

    ➢ Make a loose fist with your left hand. Insert the scope into the fist and focus on one of your fingers.

Black Winged Flange

4. Apply a **new adult ear tip** to the otoscope. The tip should fit securely at the end of the otoscope. * You should not see the inside of the disposable tip.

Disposable Ear Tip

5. Ensure that there is light coming through the end of the otoscope. The light may be adjusted using the white dial on front of the light source.

6. Insert the **tip of the otoscope** into the ear canal while pulling gently in an outward and upward direction on the side of the client's earlobe. Using the video conference monitor to view progress, proceed further into the ear canal until the eardrum is fully in view.

7. Ask the client to let you know if they feel like coughing or have any discomfort during the procedure. If the client experiences discomfort, withdraw the otoscope slightly.

2.0 TROUBLE SHOOTING

If you are experiencing any problems with the peripherals, videoconferencing equipment or have any questions, please contact the MBTelehealth Service Desk for assistance:

Winnipeg or outside of Manitoba
Phone: (204) 975-7714

Outside of Winnipeg (within Manitoba only)
Phone: 1-866-667-9891 (toll free)

3.0 ACKNOWLEDGEMENTS

AMD Telemedicine
www.amdtelemedicine.com

MBTelehealth
www.mbtelehealth.ca