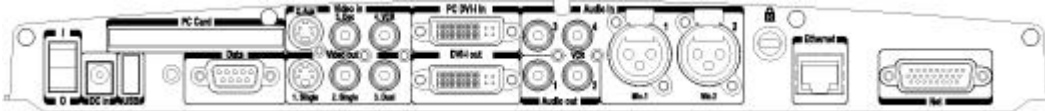# TANDBERG 880/990/3000 NET MXP
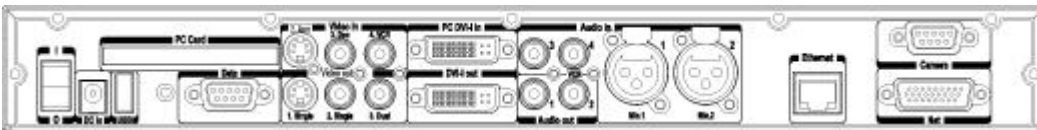
## Addendum to User Manual

Your TANDBERG 880/990/3000 NET MXP is a version that is equipped with RS449/V.35/X.21 network interface instead of ISDN-BRI.
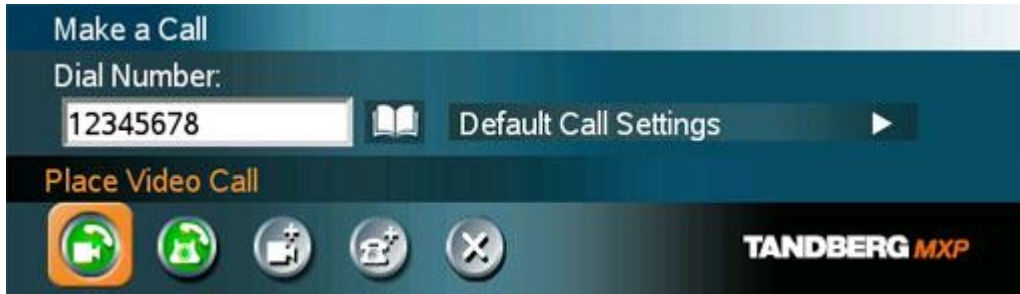
**TANDBERG 880/990 NET**

**TANDBERG 3000 NET**

**The references to ISDN in the User Manual do not apply to this NET version.**

**All references to ISDN-BRI Settings is to be replaced with reference to the External Network Settings section below.**

- The reference to ISDN-BRI Settings in Network configuration - ISDN Configuration in System Configuration is replaced with reference to the External Network Settings section below.
- The Network selections in the Call Settings menu only apply to IP calls. Use ISDN in the Network menu to select RS449/V.35/X.21.
- MultiSite entries in the Phone Book can only consist of IP sites.

# Make a Call

To make a call, choose Make a Call from the main menu.  Pressing the green button on the remote has the same effect as pressing the green button in the menu. You can enter the IP-address number manually in the input field or select the book icon to select a contact from the phone book.



**RS449/V.35/X.21 call**

Enter any number and press the green button to call directly if Call Control is set to Leased Line or Manual (see External Network Settings section below).

If RS366 Dialing or RS366 Adtran ISU 512 is selected, you will be able to specify a number before pressing the green Connect button.

**Control Panel - Administrator Settings - Network - ISDN - ISDN-BRI Settings is replaced by:**

# External Network Settings

Before using the system together with external network equipment, you must specify the network parameters on this page. The system has support for up to 768kbps* using the External Network (RS449/V.35/X.21) interface. Note that the physical interface on External Networks is one non-standard 26 pin connector.

### Call Control

| | |
|---|---|
| **RS366 Dialing** | RS366 Dialing would normally be used together with network clocking RS449/V.35 Compatible when the external equipment uses RS366 ports. |
| **RS366 Adtran ISU 512** | RS366 Adtran ISU 512 offers extra usability when dialing RS366 via an ADTRAN ISU 512 IMUX. This dialing scheme will map the call type and bandwidth selection to ADTRAN ISU 512 specific suffixes to the dialed number. Should only be used when connected to an ADTRAN ISU 512.<br><br>The Adtran ISU512 uses the following suffixes <Number>#C#R<br>#C = Call Type<br>#2 = audio<br>#3 = 56kbps<br>#4 = 64kbps<br><br>#R = Channel Rate<br>#0 = 2xh221 (2x56\64kbps)<br>#1 to 8 = the Call Rate. |
| **Leased Line** | Leased Line is a non-dialing protocol and should be used when two codecs are connected in a point-to-point connection. Use Leased Line when the handshaking signals DTR and CD are available. DTR and CD correspond to the X.21 network's C and I signals. |
| **Manual** | Manual should be used when no handshake signals are available and the external equipment requires a constantly connected line. |

### Network clocking

The network clock setting specifies the number of physical external clock signals.

| | |
|---|---|
| **RS449/V35 Compatible** | Use RS449/V35 Compatible when the external equipment provides two clock signals, one for transmit and one for receive. The difference between RS449 and V35 is only the cable. |
| **X21 Compatible** | Use X21 Compatible when the external equipment provides a common clock signal for both transmit and receive. |

* the TANDBERG 880 NET MXP supports 384kbps.
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