

TECHNICAL NOTE V005

Set Up notes for the SCOTTY mm225 Videophone in the USA and Canada

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Introduction

The purpose of these notes is to walk you through the set up process for your mm225. There are a few important items that need to be set up correctly, which are detailed below.

There are two parts to the set up process. Firstly the ISDN line must be installed and set up correctly, and secondly the videophone has to be configured. Once set up, these items do not need to be changed again.

ISDN Line Set Up

Office Environment

ISDN Line

Request an ISDN line from your Support Center. This line should be:

"128K Non-bonded, Switched Voice and Data, with no supplementary services"

At the same time have the ISDN socket checked to see if it is U-interface, (2 wire) or S-interface (4 wire).

If the output is U interface, a Network Terminating unit, NT1 is required to convert the signal to an S interface output. The NT1 unit is installed as shown in the diagram on the next page.

Home Environment

ISDN Line

You need to order an ISDN line from your local telecoms provider. There are a number of different types of ISDN line that you can obtain, and you should ask for the following type of line when ordering.

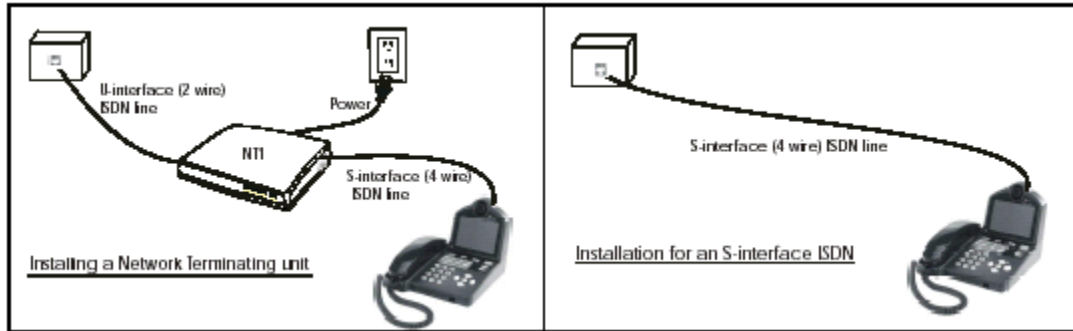
"128K Non-bonded, Switched Voice and Data, with no supplementary services"

This sounds complex, but in fact it is a standard type of ISDN installation.

Network Terminating Unit

You will also need to purchase a **Network Terminating Unit, NT1**. This converts the signal from a 2-wire interface to a 4-wire interface required by the mm225 videophone. A Network Terminating unit can be purchased from business communications resellers.

Connect up the videophone as shown in the diagram below.



Videophone Set Up

When you order the ISDN line from your telecoms provider, you will be told the type of ISDN line that is installed, and you will be given certain numbers called SPIDs and possibly Local Numbers as well. This information is needed to configure the videophone. Use the following table to help you with these details.

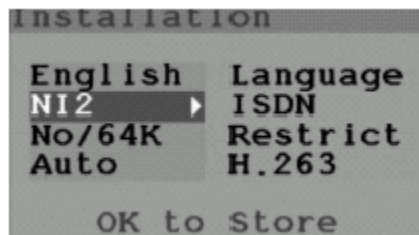
Item	Write Information here
ISDN Type	
SPID 1	
SPID 2	
Local # 1	
Local # 2	

Configuring the mm225 with the ISDN type

Three types of ISDN line are available in the USA, namely NI2, DMS100 or AT&T Custom. Your telecoms provider will tell you which one your line uses.

To configure the mm225 with the ISDN type:

1. Press **Set-Up** to access the Configuration menu.
2. Using the Up/Down arrows, select the **Installation** menu, and press **OK**.
3. The Installation menu displays. Use the Up/Down arrows to move to the **ISDN** menu.
4. Use the Left/Right arrows to set the **ISDN variant** to the type given you by your telecoms provider. In the screen shot below, NI2 is selected.



5. **Note:** By default, Language is set to **English**, Restrict to **No/64K** and H.263 to **Auto**, and these should be OK.
6. When the details are correct, press **OK**. The information is saved, and the videophone restarts. ISDN type set up is now complete.

Configuring the mm225 with Service Profile IDs (SPIDs) and Local Numbers

These numbers are provided by your ISDN network provider, and are keyed into the ISDN Profile menu, which is accessed using Set-Up. If required, Local Numbers are given to at the same time, and are also keyed into the ISDN Profile menu.

To input SPID and Local Numbers:

1. Press **Set-Up** to access the Configuration menu.
2. Using the Up/Down arrows select the **ISDN Profile** menu, and press **OK**.
3. The ISDN Profile menu displays, with the cursor in the top line (SPID 1). Enter the first SPID number. Enter numbers without spaces or dashes.
4. Arrow down to **Local Number 1**, and enter your **Local Number**, if you have one.
5. Arrow down again and input **SPID 2**.
6. Arrow down again, to **Local Number 2**, and only enter a second **Local Number** if you have one.

Otherwise leave this line blank.

7. When the details are correct, press **OK**.

The videophone automatically saves the data and restarts.

Note: Complete SPIDs 1 and 2, even if both numbers are the same.

Test Call

SCOTTY has an ISDN phone line, which you can use to check the set up of your videophone. This line is available during UK working hours. Calls are charged at the international rate. The number is: +44 (0)1454 635555

If you have difficulties...

If you have questions, or run into problems when installing and configuring your mm225, please contact the supplier of the videophone.