TELEX
RADIO DISPATCH PRODUCTS

Packing List
1. iDEN Interface Cable
2. Label containing Option Code
3. Datasheet, software license letter
4. Radio Dispatch Product CD

Hardware Requirements

The IP-224 iDEN Interface option is used with the following hardware:
- IP-224 Ethernet Adapter Panel
- iDEN Radio

Software Requirements

The IP-224 iDEN Interface option is used with the following software:
- IP-224 Firmware version 1.000 or later

Installation of the iDEN Interface Cable

The IP-224 iDEN Interface cable is used to connect the IP-224 iDEN Interface to an IP-224 and an iDEN radio.

CAUTION: All cables connected to the IP-224 must not exceed three (3) meters in length.

1. DB-37, labeled *TO IP-224*
   Connects to the programmed line connector on the rear panel of the IP-224.

2. iDEN Control, labeled *TELEX*
   Connects to the accessory connector on the bottom of the radio.

3. 2.55mm Phone Plug, labeled *iDEN*
   Connects to the external ear/microphone jack in the iDEN radio.

iDEN Interface Options

The **iDEN Option Code**, a unique 32-character code, located on the option code label. The option code is based on the IP-224's specific serial number and cannot be used on another IP-224.

NOTE: The Option Code must be put into the Additional Features configuration webpage before iDEN parameters can be entered.
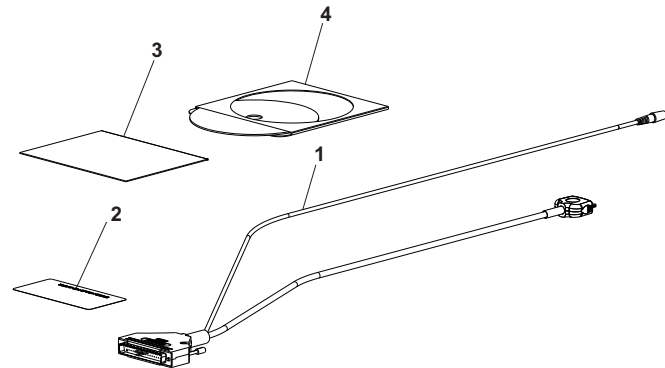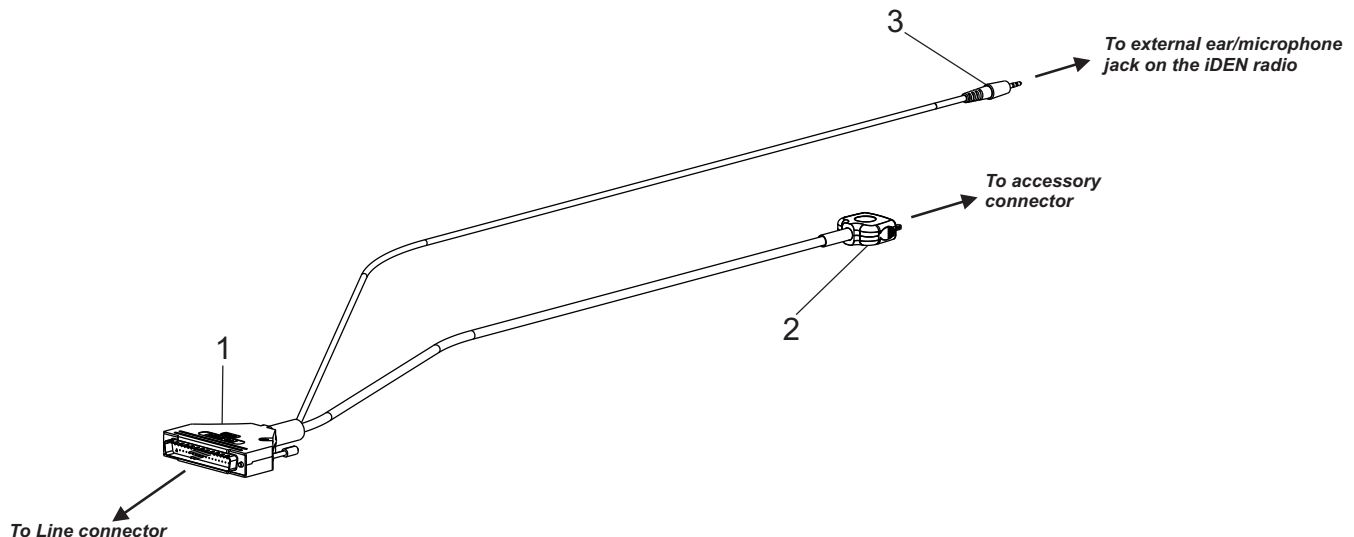
To **enter the option code**, do the following:

1. Open the **IP-224 Configuration webpage**.

2. Click **Additional Features**.
   The Access Additional Features window appears.

3. In the Access Key field, enter your **Access Key** (Option Code).

4. Click **Submit**.

ACCESS ADDITIONAL FEATURES

Access Key: 4FE4785-78541C87-78519CBE-7415DECD   Submit

Feature Name	Number Of Lines Allowed
iDEN Radio	2
EFJohnson Radio	2
FleetSync Encode	2
FleetSync Decode	2
MDC1200 Encode	2
MDC1200 Decode	2

3 — To external ear/microphone jack on the iDEN radio

2 — To accessory connector

1 — To Line connector

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To **configure the Multicast Address webpage**, do the following:

NOTE: The RX and TX Multicast and Ports must match the Radio Dispatch Console Multicast and Port Values.

1. From the IP-224 configuration webpage, click **Multicast Setup**.

2. Click **Line Setup**.
   The Line Setup window appears.

3. Select the **Enable** check box for the line to configure.

4. From the Line Type drop down menu, select **Local Mode**.
   The line is set to Local Mode and iDEN is selectable from the Serial Type drop down menu.

5. From the Serial Type drop down menu, select **iDEN**.

6. In the Line Names field, enter a **user-recognizable name** for the line.

NOTE: For Step 7, Step 8, Step 9 and Step 10, the C-Soft and the IP-224's RX/TX Multicast and RX/TX Port numbers must match.

7. In the Rx Mcast field, enter the **Rx Multicast Address**.

8. In the Rx Port field, enter the **Rx Port number**.

9. In the Tx Mcast field, enter the **Tx Multicast Address**.

10. In the Tx Port field, enter the **Tx Port number**.

11. Select the **Auto Configuration** check box.

12. Click **Submit**.

LINE SETUP

Line:	Line Enable:	Line Name:	Line Type:	Serial Type:	Vocoder Type:
1	☑	iDEN Line	Local Mode ▾	iDEN ▾	ADPCM 32K ▾
2	☑	Line 2	Local Mode ▾	Off ▾	ADPCM 32K ▾

Line:	Mcast Enable:	RX Mcast:	RX Port:	TX Mcast:	TX Port:	TX Group Port:	TTL:
1	☑	225.8.11.81	1054	225.8.11.81	1072	0	6
2	☑	225.8.11.81	1055	225.8.11.81	1073	0	6

Submit   Auto Configuration: ☑

Configuration Overview

NOTE: For configuration information, see the iDEN to IP-224 Interface Installation Manual (P/N F.01U.218.556).

Verify you have completed the following tasks, before starting your iDEN Interface.
- Access the IP-224 web browser configuration window.
- Set up basic IP-224 parameters

System Startup

Once the IP-224 and the iDEN are properly connected and configured, the line name assigned on the Line Setup window appears on the IP-224 front display when powered up or when the unit is reset. This line name appears on the top row, if the radio is connected to Line 1 or the bottom row if the radio is connected to Line 2

NOTE: If the line name does not appear, verify the cable is connected correctly and the IP-224 is enabled for iDEN radio control.

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