

**HITACHI**  
Telecommunications



# HCX5000 System

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# Application Notes

Any Release  
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# Confer II Voice Conference Bridge

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**Release** This feature applies to any release.

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**Description** The Confer II Voice Conference Bridge (Confer II) is an alternative to the HCX5000 internal conference feature. Distributed by Forum Communication International, Confer II is fully compatible with the HCX5000.

The Confer II:

- expands from 6 to 48 port system (in 6 port increments)
  - connects to analog ports on PBX or C.O. lines
  - transfers callers to a designated extension #
  - provides meet-me capability, or use dial-out option
  - provides automatic level control of incoming signal
  - has a programmable Authorization Code option programmable/disabled by bridge card for security.
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### Operation

#### **Conference Calls**

There are a number of ways to use the Confer II, depending on the installation and preferred method of operation.

This table lists the different ways to conduct conference calls using the Confer II

Type of conference call	Description
Internal	Callers inside the building (PBX) call into the lead number.
Direct Dial-in	Outside callers call in using the Direct Inward Dial (DID) station number.
Call In & Transfer	Outside callers without DID transfer to the bridge by calling the operator. This method is preferred in order to screen calls.
Call Out & Transfer	A person can call people to be part of a conference and then transfer each person to the bridge. This method provides a greater control over conference parties and may also be used even with the DID - connected bridge.

#### **Authorization Code**

The Auth Code option allows the calling party to enter the specified 4-digit code when he hears the beep tone. If no code is entered within 5 seconds or the wrong code is entered, the Confer II will drop that line. See the Forum Communication International installation manual for setting the authorization code.

#### **Releasing lines**

The Confer II will release all lines by picking up the CM phone and, within five seconds, depressing the pound key twice(# #).

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### Setup

Complete installation instructions of the Confer II are available from Forum Communication International. Follow the steps below to install the Confer II unit.

- 1** Match the Confer II unit to the Central Office (C.O.) or PBX lines. This procedure requires a small screwdriver and a high-impedance voltmeter.
  - 2** Connect the line cards to the call monitor (CM) port. The line cards have RJ11 connectors for the conference ports and the call monitor (CM) port. Use the CM port to program and monitor the Confer II system.
  - 3** Setup the station cards to provide loop-current interrupt. The Confer II has 2-wire loop-start interfaces for use with virtually all C.O.s or PBXs with analog 2-wire, loop-start station line (2500-type phone) capability. The station cards should be capable of providing loop-current interrupt so that the Confer II can release that port for other callers
  - 4** Setup dialtone and disconnect supervision. With the Hitachi HCX5000, you must use the OFF Premise Extension (8LIF-H OPX) card for disconnect supervision. The ports on the 8LIFH card should be set up as General, PB, and Admin station, with the following options selected. These options provide dialtone and disconnect supervision:
    - Data Privacy = Y,
    - Off Premises Extension = Y,
    - Line Dictation = Y.
  - 5** Define ports. Ports can be individual DID numbers or stations in a hunt group with a pilot station with a DID number assigned.
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## Confer II Voice Conference Bridge, continued

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### Contact information

This table provides contact information for the Confer II Voice Conference Bridge:

<b>Information</b>	<b>Contact</b>
Address	Forum Communication International 1223 North Glenville Drive Richardson, TX. 75061
Phone	(972) 680 - 0700
Fax	(972) 680 - 2700
Website	<a href="http://www.forum-com.com">www.forum-com.com</a>

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