norstar

CII Installer Card
Fiche d'installation de l'IADA
Ficha de instalación de la IDLL

What is a CII?

The Call Identification Interface (CII) provides a Custom Local Access Signalling Services/Call Management Services (CLASS/CMS) messaging channel from a central office to a Norstar Key Service Unit (KSU). When the CII is used with a *Norstar Modular DR5*, *Norstar Centrex+*, or *Norstar Compact DR5* system, it provides calling line identification and associated features to designated telephones in the system.
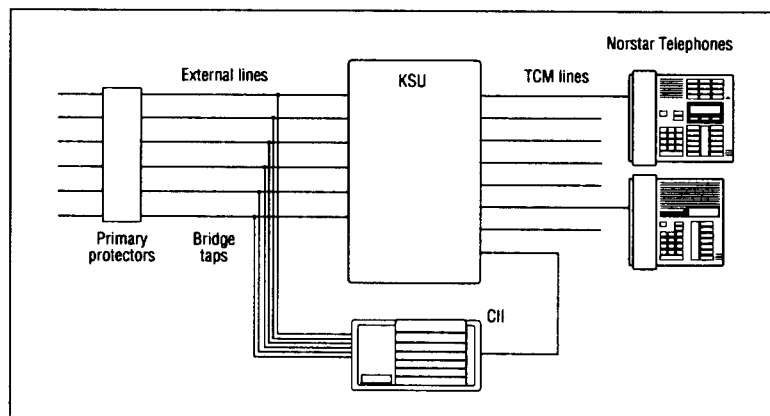
The CII provides calling line identification and associated features only for lines connected to the KSU. If you have a Trunk Module installed with your Norstar system, calling line identification and associated features are provided on the lines connected to that Trunk Module using a Call Identification (CI) Trunk Cartridge. See your system's Installer Guide for more information.

Note: The CII works only if you subscribe to CLASS/CMS services from your telephone company.

There are two models of the CII. Check the upper, right-hand corner of the cover.

M8   indicates an eight line model designed for use with the *Norstar Modular DR5*, *Norstar Centrex+*, or *Norstar Compact DR5* KSUs.

C6   indicates a six line model designed for use with the *Norstar Compact DR5* KSUs.

The CII is connected to the system using bridge-taps on incoming external lines. CLASS/CMS information is delivered to the KSU through a single TCM station port.

Location requirements

The CII has the same location requirements as the Norstar KSU.

Equipment for installation

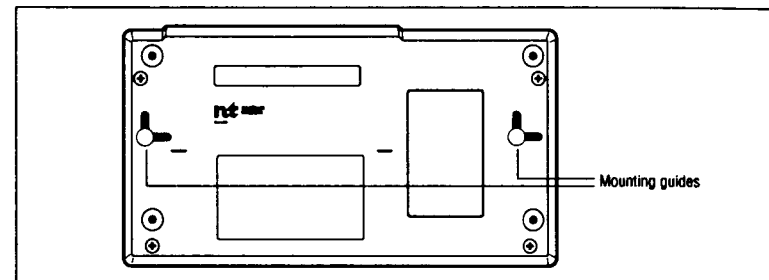To install the CII, you need the following equipment:

- 25-pair connector with cable, for bridge tapping
- Screwdriver and two 4-mm (#8) screws
- Small flathead screwdriver

Mount the CII

The CII should be wall-mounted within 25 m (80 ft) of the KSU. Allow 12.5 cm (5 in) of clearance for the CII connectors.

1. Attach two 4-mm (#8) screws to the mounting surface. The screws should be vertically aligned, and 21.5 cm (8.5 in) apart. Refer to the mounting template included in the box with the CII.
2. Leave 6 mm (1/4 in) of each screw exposed.
3. Align the mounting guides at the back of the CII over the screws. The connectors should be on the top edge of the CII.
4. Pull down on the CII, locking the screws in the mounting guides of the CII.

Connect the external lines

1. Using bridge taps, connect the flying-leads of a 25-pair cable to the external lines you wish to receive call information from.

2. Connect the line circuits to the appropriate pins in a 25-pair connector using a 25-pair cable of the appropriate length.

Circuit	Pin	Circuit	Pin		Circuit	Pin	Circuit	Pin
Ring 1	1	Tip 1	26		Ring 5	5	Tip 5	30
Ring 2	2	Tip 2	27		Ring 6	6	Tip 6	31
Ring 3	3	Tip 3	28		Ring 7	7	Tip 7	32
Ring 4	4	Tip 4	29		Ring 8	8	Tip 8	33

3. Plug the 25-pair connector into the CII.

Connect the TCM loop

1. Strip a twisted-pair cable (minimum 26 AWG) and insert one strand into each of the holes on the TCM connector. (The connector is polarity insensitive. It does not matter which wire goes in which hole.)
2. Tighten the screws on the TCM connector to hold the wire.
3. Connect the other end of the twisted-pair cable to the connector block and terminal in any TCM station port. This cable must not be more than 25 m (80 ft) long.

Note: Installation of a CII means that the number of possible internal telephones in your system is reduced by one.