

# Option 11C Installer's Checklist

P0911126

NOTE: This document is pertinent for Option 11C and Option 11C Mini on R25.10

## CAUTION

Ensure that the NTDK20 SSC card is on a **FLAT** surface before installing the Software Daughterboard and Security Device. Ensure that the NTDK97 MSC is on a **FLAT** surface before installing the Security Device.

**DAMAGE MAY RESULT if this is done with the card still in the box!**

### Upgrades from Release 22 or 23

When upgrading from **Release 22 or 23 to Release 24 or higher**, you **MUST** use the SYSLOAD method of upgrading described in the Option 11C Release 22 or 23 NTPs (either the Upgrade Procedures or the Software Installation Program Guide). Upgrading from Release 22 or 23 to a higher Release cannot be achieved properly using the UPGRADE command.

When using the SYSLOAD method, service on the entire system is typically disrupted for 20 to 30 minutes.

### NEW - Software daughterboard change - NTTK13AA

The NTTK13AA is a 48 Meg card that is split into 32 Meg of program store and 16 Meg of C: Drive. This card is only backward compatible to 24.24. The installation of the card is the same as with the NTDK81. If you are upgrading from an NTDK21 card, please ensure that you have the latest bootcode from your release 25.10 PCMCIA card. (see Upgrade NTP).

### NTDK97AB Mini System Controller

This controller is designed specifically for the Option 11C Mini which has forced air cooling. **DO NOT** install this controller in an Option 11C Cabinet (NTAK11) as it will generate excess heat and system damage will result. In addition this controller, when installed in an Option 11C cabinet **DOES NOT** meet regulatory standards.

### NTDK97 – Faceplate LED status

The Link light will be “on” during sysload, then turn “off” after the ethernet interface is enabled (whether ethernet is configured or not) and remain “off” during normal use.

**Before starting make sure you have the following:**

#### 11C SYSTEM

• NTDK20 SSC Card • Software Daughterboard (NTTK13) • Security Device • Keycode Datasheet

#### Mini SYSTEM

• NTDK97 MSC Card • Security Device • Keycode Datasheet

The following guides from the NTP suite may be needed to complete installation:

- Option 11C Planning and Installation Guide
- Option 11C and Mini Upgrade Procedures Guide
- Option 11C Mini Planning and Installation Guide

- Set the baud rate for Port 0 of the SSC/MSC card, using the dipswitch on the SSC/MSC card faceplate.

**Port 0 is the only SDI port that can be used for software installations and upgrades.**

- After successful install of the system, make sure that Port 0 of SSC/MSC card is configured as a Maintenance Terminal/TTY. This is required for future software upgrades.
- If upgrading from an Option 11E multi-cabinet system that has fibre connection to the expansion cabinets, it is recommended that the keycodes be validated on the main cabinet first before swapping out the expansion cabinets.

**INSTALL MENU**

If installing Option 11C using a Software Daughterboard for a brand new system or for an upgrade from an Option 11/11E to 11C, select Option 1. If installing Mini using a Mini System Controller for a brand new system, select Option 1.

"Basic Configuration" database option includes the following items: Directory, Configuration Record, XPECs blocks, Superloops blocks, Patch, Physical Dump Record, IMS TN Table, IMS Links No, Table, Asynch Blocks, CSL Blocks, VAS Blocks, Background TTY Blocks, Background Port ID Blocks, Aries Data Block, SYS PARAMS Block, LAPW Blocks. For a more extensive default data block, please choose "Pre-Configured Data".

If installing using a PCMCIA card, select Option 4 for a new system or Option 2 to upgrade an Option 11/11E to Option 11C, or to upgrade software to a new release or issue.

**The data you need to enter in the INSTALL MENU is provided on the Keycode Datasheet.**

For Option 11C Mini check that the number of TNs has been entered correctly from the keycode sheet.

When performing new system installation, please ensure that the default AUX ID matches the AUX ID from keycode data sheet.

If the keycodes don't work, check the following:

-software issue, feature set name and any additional packages, TNs, ISM parameters, security ID, auxiliary ID (the old site ID, if this is an upgrade), and ensure the correct keycodes were entered. All items must match the keycode sheet exactly.

If they still do not work, then call your service representative.

**SYSTEM UPGRADE FROM Option 11/11E to Option 11C, retaining copper interface**

If you are installing the NTDK26 Backwards Compatible Daughterboard on the SSC card, jumper J7 must be removed prior to installing the card.

**SYSTEM UPGRADE FROM OPTION 11 or 11E to Option 11C**

The following two methods can be used to extract customer data from Option 11/11E software cartridge:

- PC with the Option 11/11E data stored in a CCBR file, or
- NTDK30 Database Upgrade Tool

**SOFTWARE UPGRADE ON OPTION 11C or Option 11C Mini**

The following is required: Software on PCMCIA card and new keycodes

**NEW - WEBSITE FOR SOFTWARE DOWNLOAD**

Please be aware of the new website for the Option 11C software download. The new site is located at:

<http://www.nortelnetworks.com/servsup/esd/meridian1/>. You will need to register to accessing this site.