

Features

- Selectable ports for patient station or master station connections
- The NC455CE may be set up with both ports programmed for station connections, both ports for master connections, or a mix of master and station connections on the same module
- Network up to 20 modules together on the Tek-CARE System
- Stackable shelf mount; included 2U rack mount kit.
- Programmable using our exclusive Config Tool software via laptop connected to the Tek-CARE Network
- UL/cUL® 1069 and UL® 2560 Listed
- RoHS Compliant

Description

The NC455CE is a second-generation module designed as part of the Tek-CARE platform. This module is capable of connecting to Tek-CARE400 P5/P5+/GEN3 addressable stations and the NC415G3 and NC404TS Master Stations.

The NC455CE is stackable and rack mountable. The NC455CE includes on-board backup batteries to transition the nurse call system over to generator backup power.

The NC455CE is supplied with two ports for patient station or master station connections on the face of the module. Each port is provided with two female 8P8C jacks, for a total of four wiring run connections on the face of the module. Using a DIP switch setting, each port may be configured to connect to patient stations or master stations. When set up as a patient station port, each port supports up to 32 patient stations (16 per run). When set up as a master station port, each port supports up to 3 NC415G3 or 5 NC404TS Master Stations.

Refer to the Tek-CARE® [Master Station Load Value Calculator](#) on TekTone's website for more information on power restrictions.

Using the DIP switch setting on the face of the module, the following module configurations are available:

- Support for 64 patient stations
- or-
- Support for 6 NC415G3 or 10 NC404TS touchscreen master stations
- or-
- Support for 32 patient stations and 3 NC415G3 or 5 NC404TS touchscreen master stations



NC455CE Central Equipment Module

Specifications

Dimensions:	3.25"H × 17.00"W × 10.05"D (83 mm × 432 mm × 255 mm)
Construction:	PC board with quality electronic components
Input Power:	90 VAC–264 VAC at 50Hz–60Hz
Typical current usage:	1.6 A at 115 VAC or 0.9 A at 230 VAC
Temperature:	0°–70°C
Humidity:	5–95% (non-condensing)
Built-in surge protection:	783 V clamping

Required Components

Tek-CARE400 P5/P5+/GEN3 Patient Stations

Optional Components

NC475 Tek-CARE Appliance Server
NC415G3 or NC404TS Master Stations

Listings



UL® 1069 Listed and cUL® Listed to CSA C22.2 No. 205; UL® File Number E71599.



RoHS Compliant.