NFC-LOC
FirstCommand
Local Operator Console

General
Notifier’s First Command NFC-LOC is an optional Local Operator Console that is compatible with the NFC-50/100(E) Emergency Voice Evacuation Panel for fire protection applications and mass notification. It is part of a family of external remote consoles that allows for extending the NFC-50/100(E) display and control to remote locations within a building. It consists of a complete operator interface that is identical to the NFC-50/100 main console as well as a built-in microphone with a push-to-talk feature for ALL CALL paging. It is housed in a cabinet with a keyed lock to prevent unauthorized access. The local operator console requires an external data bus connection, an external audio riser connection, and an external operator interface power connection (24 Volts DC) from the NFC-50/100 main console.

TYPICAL APPLICATIONS
- Schools
- Theaters
- Auditoriums
- Nursing Homes
- Military facilities
- Places of Worship
- Factories
- Restaurants
- Office Buildings

Features
- Provides messaging status and control of the NFC-50/100(E) primary operator console
- Complete operator interface that is identical to the NFC-50/100(E) that includes a built-in microphone for ALL CALL paging
- UL 864 (Emergency Voice Evacuation for Fire) listed
- Certified for seismic applications
- A maximum of eight NFC-LOCs can be connected to an NFC-50/100(E) primary operating console
- Built-in microphone with push-to-talk feature that can be used for ALL CALL paging
- Fourteen programmable message buttons that can be used to activate all speaker circuits remotely
- Sturdy cabinet design with a keyed lock to prevent unauthorized access. Optional thumb lock available
- Simple and straightforward user interface

Electrical Specifications

PRIMARY POWER REQUIREMENTS:
Voltage 24VDC non-resettable power from the NFC50/100(E). External Operator Interface Power (Non-supervised).

See NFC-50/100(E) Product Manual P/N LS10001-001NF-E for standby and alarm current requirements as well as battery calculations.

Cabinet Specifications

Backbox: 19.0" (48.26 cm) high x 16.65" (42.29 cm) wide x 5.2" (13.23) deep

Door: 19.26" (49.91 cm.) high x 16.821" (42.73 cm) wide x 670" (1.707 cm) deep

Trim Ring (TR-CE-B): 22.00" (55.88 cm.) high x 19.65" (49.91 cm.) wide

Shipping Specifications
Weight: 18.44 lbs (8.36 kg)

Agency Listings and Approvals
The listings and approvals below apply to the NFC-LOC Local Operator Console. In some cases, certain modules may not be listed by certain approval agencies or listing may be in process. Consult factory for latest listing status.
- UL Listed S635

Standards and Codes
The NFC-LOC complies with the following UL Standards, NFPA 72 Fire Alarm system requirements, International Building Codes, and California Building Codes.
- UL S635
- UL 2572
- CBC 2007 (Seismic)

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Control and Indicators

PUSH BUTTON CONTROLS
• All Call
• MNS Control
• System Control
• Speaker Select 1-24
• Message Select Buttons 1-8
• Diagnostic Select
• Trouble Silence
• Console Lamp Test

LED STATUS INDICATORS (VISIBLE WITH DOOR CLOSED)
• Fire System Active (green)
• MNS Control (green)
• System Control (green)
• System in Use (green)
• Speaker Zone 1-24 Active (green)
• Speaker Zone 1-24 Fault (yellow)
• OK to Page (green)
• Microphone Trouble (yellow)
• Message 1-8 Active (red)
• Message 1-8 Fault (yellow)
• Remote Amplifier 1-8 Fault (yellow)
• LOC/RPU/RM 1-8 Fault (yellow)
• LOC/RPU/RM 1-8 Active (green)
• Main Console Fault (yellow)
• AC Power (green)
• Ground Fault (yellow)
• Charger Fault (yellow)
• Battery Fault (yellow)
• Data Bus Fault (yellow)
• NAC Fault (yellow)
• NAC Active (green)
• System Trouble (yellow)
• Audio Riser Fault (yellow)

LED STATUS INDICATORS (VISIBLE WITH DOOR AND DRESS PANEL OPEN)
• Speaker Volume Control Fault (yellow)
• Option Card Fault (yellow)
• Amplifier Over Current Fault (yellow)

Product Line Information (Ordering Information)

NFC-LOC: Local Operator Console (Complete user interface).
NFC-50/100: (Primary operating Console) 50 Watt, 25VRMS single speaker zone emergency voice evacuation system, Integral microphone, built in tone generator and 14 recordable messages. Please refer to the data sheet DN-60772 for more information.
NFC-50/100E: Export version (Primary operating Console) 50 Watt, 25VRMS single speaker zone emergency voice evacuation system, Integral microphone, built in tone generator and 14 recordable messages, 240 VAC, 50 Hz. Please refer to the data sheet DN-60772 for more information.
NFC-CE6: Speaker Circuit/Zone Expander Module.

NFC-BDA-25V: 25V, 50 watt audio amplifier module. Adding a second speaker circuit increases the total NFC-50/100 power output to 100 watts or can also be used as a backup amplifier.
NFC-BDA-70V: 70V, 50 watt audio amplifier module. Adding a second speaker circuit increases the total NFC-50/100 power output to 100 watts or can also be used as a backup amplifier.

N-FPJ: Remote Phone Jack.
SEISKIT-COMMENC: Seismic kit for the NFC-LOC. Please refer to document 53880 for requirements on mounting the NFC-LOC for seismic applications
TR-CE-B: Optional Trim Ring. 17.624" high (44.77 cm) x 16.0" wide (40.64 cm).
CHG-75: 25 to 75 ampere-hours (AH) external battery charger.
CHG-120: 25-120 ampere-hours (AH) external battery charger.
ECC-MICROPHONE: Replacement microphone only.
BAT-1270: Battery, 12volt, 7.0AH (Two required).
BAT-12120: Battery,12volt,12.0AH (Two required).
BAT-12180: Battery,12volt, 18.0AH (Two required).
ECC-THUMBLTCH: Optional Thumb Latch. (Non UL-listed).

Temperature and Humidity ranges
This system meets NFPA requirements for operation at 0-49° C/32-120° F and at a relative humidity 93% ± 2% RH (non-condensing) at 32°C ± 2°C (90°F ± 3°F). However, the useful life of the system's standby batteries and the electronic components may be adversely affected by extreme temperature ranges and humidity. Therefore, it is recommended that this
horns/strobes
NAC Circuit TB19
Speaker Circuits TB20 & TB21

Internal options
NFC-BDA25/70V optional amplifier
NFC-CE6 circuit expander

remote consoles
NFC-LOC local operator console
TB4
TB12
TB22

NFC-RPU remote paging unit
NFC-RM remote microphone

NFC-FFT firefighter telephone

NFC-50DA 50W remote amplifier
NFC-125DA 125W remote amplifier
NFC-50/100DA 50/100W remote amplifier

CHG-120 charger
CHG-75 charger

NFC-50/100(E) FirstCommand (Possible Configurations)
system and its peripherals be installed in an environment with a normal room temperature of 15-27º C/60-80º F.

**Optional Accessories**

**TR-CE-B:** Optional Trim Ring. 17.624” high (44.77 cm) x 16.0” wide (40.64 cm).

**Wiring Requirements**
See Product manual part number: LS10028-001NF-E for detailed wiring requirements.