MOTION CONTROL
ENGINEERING INC.

DID FIXTURES BY **MCE**

For over 30 years Motion Control Engineering Inc. (MCE) has provided industry leading technology and outstanding customer service. MCE is proud to unveil its own line of Destination Input Devices (DID). Available in 7" and 10" capacitive touch sizes and in vertical and horizontal configurations, the DID fixtures maintains all of the feature rich, cutting edge, high quality and non-proprietary technology that our customers have come to expect.

Manufactured in North America, our fixtures are designed and developed in California by the same engineering teams that developed MCE's top of the line intelligent elevator controllers. The result is an interface device with a sleek and modern appearance which integrates seamlessly and reliably with MCE controllers. MCE DIDs are designed for passengers, building maintenance and contractors alike. Modernize for the future, MCE will take you there.

Passengers' Perspective

- Capacitive touchscreen – similar to modern e-devices
- Intuitive with a quick learning curve
- Reliable
- ADA compliant

Building Management

- Programmable tiered levels of security privileges
- Optional security access levels
  - Multi-level access software
  - Card reader
    - Integral or segregated
- Centralized control of LED downlighting or theme

Contractors

- Simple twisted pair wiring
- Easy troubleshooting and maintenance
- Enhanced diagnostics
- 100% on-screen configuration
- Easily upgradable with secure Wi-Fi application

Nidec
—All for dreams

MCE
Motion Control Engineering®

www.nidec-mce.com
800.444.7442
916.463.9200

To personally see our latest offers of DID platforms, please contact your local Sales Representative.

DBD FIXTURES

Destination entry touch screen fixtures are wall or kiosk mounted. They use capacitive multi-touch technology, similar to cell phones, and impact resistant glass, resulting in a long lasting and durable fixture. A Braille selection button is provided in compliance with ADA requirements. Screen visual elements – background, button color and messaging – may be customized if desired.

Surface Mount

10.4"

BLACK / WHITE

FEATURES

- 10.4" Diagonal
- 1024x768 LCD screen
- Full color LED down lighting
- Optional back plate
- Optional card reader

7.0"

BLACK / WHITE

FEATURES

- 7.0" Diagonal 800 x 480 LCD screen
- Full color LED down lighting
- Optional box or plate
- Optional card reader

Vertical Mount

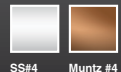**10.4"**   **BLACK / WHITE**

FEATURES

- 10.4" Diagonal 1024x768 LCD screen
- Full color LED down lighting
- Optional card reader

Applied Mount

10.4" & 7.0"   **Metal Plate Color Option**

SS#4   Muntz #4

FEATURES

- 10.4" Diagonal 1024 x 768 LCD screen or 7.0" Diagonal 800 x 480 LCD screen
- Optional card reader
- Flush mounting
- Optional finish materials available

Features at a Glance

CAPACITIVE TOUCH

ADA BUTTON

SECURITY (OPTIONAL)

9:00 AM
WED, SEPT 21

SELECT YOUR DESTINATION

1 2 3 4 5 6
7 8 9 10 11 12
13 14 15 16 17 18

1 - 18 19 - 36 37 - 54 55 - 72 73 - 90

SPEAKERS

LED BAR

(OPTIONAL BOX OR PLATE)

CAPACITIVE TOUCH

9:00 AM
WED, SEPT 21

SELECT YOUR DESTINATION

1 2 3 4
5 6 7 8
9 10 11 12
13 14 15 16
17 18 19 20

1 - 20 21 - 40 41 - 60 6 - 80

SECURITY (OPTIONAL)

ADA BUTTON

SPEAKERS

LED BAR

(OPTIONAL BOX OR PLATE)

7 inch screen	7 inch (portrait mode) is most commonly used for floors that are less frequently used.
10.4 inch screen	10.4 inch (landscape mode) is most commonly used in lobbies. It can be used on any floor.
Touchscreen Technology	Capacitive touchscreens are more durable, support multi-touch and swiping. Resistive touchscreens only support single finger presses and must be pressed harder, they do not support swiping.
Screensaver	The life of the screen can be extended by using a screensaver to turn off the pixels and reduce the backlight intensity. This avoids screen burn-in when the same image is displayed all the time.
Tempered Glass	The tempered glass is less prone to breaking due to accidents and vandalism.
LCD Life Span	The lifespan of an LCD usually involves the backlight. MCE DIDs have higher quality backlight LEDs that should last the longest
CAN Bus	The CAN (Controller Area Network) bus is a noise immune multi-node serial bus capable of transferring all of the information needed by the DID and hall call system. Since it has only two wires, it is easy to install.
USB	The Universal Serial Bus allows for future hardware expansion and system updatability.
Wi-Fi	Wi-Fi will allow the DID to be configured and updated by a wireless laptop, without removing the DID from the wall. This simplifies and speeds up system updates and configuration. Security is a top priority, so the Wi-Fi is disabled internally when it is not needed.
Card Reader Integrated on CAN Bus	Most card readers have a completely separate security network, which requires more installation effort and cost. Integrating the card reader to the existing CAN bus eliminates the extra cost associated with the separate security system.
Run Time Selectable Graphics Theme	The graphics theme (color, background image, etc.) can be selected in the DID menu system without requiring a system update.
Screen Brightness Control	The screen brightness is user adjustable for normal operation and screensaver mode. Reducing the brightness will increase the lifespan of the DID.
Wireless Software Update	Using the Wi-Fi in the DID, the software and graphics can be updated wirelessly without removing the DID from the wall.
Configuration using Screen	Other DIDs have switches internally that tell the DID the floor number and location it is physically located at. All of the parameters needed to set up the DID are modifiable on the screen. There are no switches inside the DID that configure it for the building. This simplifies installation by not requiring the device to be removed from the wall to correct configuration mistakes.
Car Labels From Dispatcher	When car labels are sent over CAN to the DIDs, it is very easy to update them. They are not dependent on switches or parameters in the DID.
Screen Based Software Diagnostics	External tools are not necessary for debugging. The on-screen diagnostics can help find the issue.
LED Down Lighting	Down lighting offers the customer additional lighting for the hallway. The color and intensity can be changed to any possible combination. Since the down lighting is part of the elevator system, it is powered separately from the building lights, which may help light up the hallway during a power outage.
Multi-Lingual Software Support*	The ability to show different languages and play language specific audio files is built into the DID software. The specific language can be selected at runtime.
Ethernet*	Ethernet capability will allow the DID to update graphics and other large files quickly.
Bluetooth*	DID is Bluetooth capable, and could eventually be used with smartphone apps to place calls without the user touching the DID.
Dynamic Auto Volume Adjustment*	ADA code requires the announcements to be a specific volume above ambient noise. Having a fixed DID volume may be too loud for quiet lobbies. DID has an integrated microphone that can measure the ambient noise volume and adapt the output volume accordingly. This allows all DIDs to remain at reasonable volume levels for any hallway or lobby condition.

* Future development