



FEATURES

- Speed Control/Direction
- Battery Powered LCU (wireless version)
- Priority over control from other devices for enhanced safety
- Dynamic Coarse/Fine Speed
- Two-Sided Live-Man Pushbuttons
- Axis Limits (REV and FWD)

COMPATIBILITY

- ELE-IPC Integrated Position Controller

DESCRIPTION

The NSI-MI Local Control Unit Controller Set (ELE-IPC-LCU) is designed to provide local operator control at the positioner. The LCU Controller Set consists of a handheld Local Control Unit (LCU) and a desktop or rack-mountable Local Control Interface (LCI) unit. The handheld LCU allows the user the flexibility to be at or near the positioner while moving the axis. The handheld LCU supports the displaying of axes information for up to four connected ELE-IPC controllers including position and/or velocity of a selected axis.

The LCU Controller Set is available in wired or wireless configurations. The ELE-IPC-LCU-WI Wired Controller Set uses differential serial (RS-422) interface and the ELE-IPC-LCU-WL Wireless Controller Set uses the 915 MHz unlicensed ISM band for RF communications.

PARAMETERS	Wireless LCU Controller Set (ELE-IPC-LCU-WL)
RF Frequency Range ¹	902–928 MHz (ISM band)
No. of RF Frequency Options	16
LCU Size (Height x Width x Depth) - Main Chassis - With Panel Connectors	Handheld Remote 134 x 79 x 41 mm (5.25 x 3.1 x 1.6 in.) 134 x 79 x 54 mm (5.25 x 3.1 x 2.1 in.)
LCI Size (Height x Width x Depth) - Main Chassis - With Panel Connectors	3U Desktop or Rack Mountable 134 x 194 x 64 mm (5.25 x 7.6 x 2.5 in.) 134 x 199 x 89 mm (5.25 x 7.8 x 3.5 in.)
LCI DC Power	5 VDC, 1 A Max

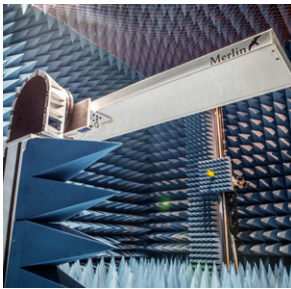
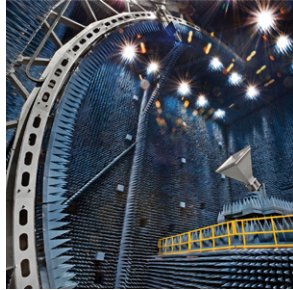
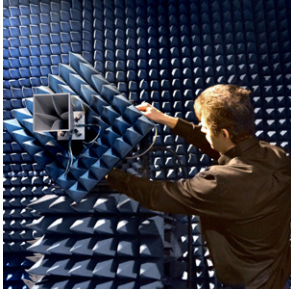
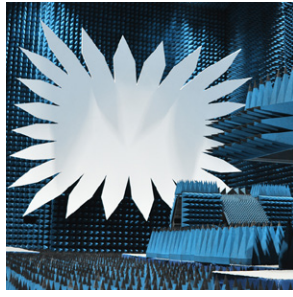
¹RF Frequency is set to 915.8 MHz by default. It can be changed by using an internal rotary switch.

PARAMETERS	Wired LCU Controller Set (ELE-IPC-LCU-WI)
Serial Communication Standard	RS-422
Supported Serial Cable Length from LCI to LCU	30 m (100 ft) Max
LCU Size (Height x Width x Depth) - Main Chassis - With Panel Connectors	Handheld Remote 134 x 79 x 41 mm (5.25 x 3.1 x 1.6 in.) 134 x 79 x 54 mm (5.25 x 3.1 x 2.1 in.)
LCI Size (Height x Width x Depth) - Main Chassis - With Panel Connectors	3U Desktop or Rack Mountable 134 x 194 x 64 mm (5.25 x 7.6 x 2.5 in.) 134 x 201 x 79 mm (5.25 x 7.9 x 3.1 in.)
LCI DC Power	5 VDC, 1 A Max
Environmental	0° to 40° C

STANDARD COMPONENTS

- Local Control Unit (LCU)
- Handheld Remote Control Unit (LCI)
- User Manual





Test with Confidence

NSI-MI Technologies introduced the world to microwave antenna measurement systems and is the preferred global supplier of antenna, radar cross section, and radome measurement solutions. Today, our innovative products, systems, and services lead the industry in setting new standards for tomorrow's performance. From world-class in-house testing facilities to delivering industry-leading turnkey systems, we provide the highest quality measurement products on the market.

Our full range of standard products and custom-designed systems are backed by our longstanding commitment to precision-engineered accuracy, reliability, and lasting performance. We provide the right solution for every RF measurement need and our worldwide network of service professionals are always available to offer support.

For more information on ordering NSI-MI Technologies' products, applications or services please contact your nearest NSI-MI office. Our complete sales team information is available at: www.nsi-mi.com/contact-us

ISO 9001:2015 Accreditation



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