

Linear Transducer – Input Devices

LTI Linear Transducers:

The LTI Linear Transducer is an input device that operates of a ½” excursion of the Spectra™ cord and produces an output signal that is **proportional** to the amount of cord excursion. The signal is easily controlled by relative body motion through the harness. The Spectra cord can be set to move either ½” or 1” (13 or 26mm) and is set up initially at the ½” excursion. A separate return spring inside the housing can be adjusted until the user feels the “right” tension. Typically this (BE235) transducer is used for positional servo control of the Boston Digital Arm or quick-slow proportional control of a terminal device. The LT01/LT02 Linear Transducers are for use with other (non-Boston Arm) systems and terminate in a Bock-style 3-socket connector.



LT01 Linear Transducer, 250mm cable, Bock 3-socket connector
Provided with output cable and Bock connector, plus Spectra™ cord and harness attachment piece



LT02 Linear Transducer, 500mm cable, Bock 3-socket connector
Provided with output cable and Bock connector, plus Spectra™ cord and harness attachment piece



BE235 Linear Transducer, 250mm cable, LTI Boston Arm connector
Provided with output cable and Boston Arm input connector, plus Spectra™ cord and harness attachment piece

