

# LX 200 Handset Boot Emulator

The intent of the Handset Boot Emulator is to allow use of the telescope through its RS-232 serial port, without the need to attach the original Meade LX200 Hand Controller. This allows the telescope to be used even if the handset is broken or lost, with your own laptop/phone/tablet, cable and suitable third-party software

First, two warnings.

**WARNING 1: ALWAYS ENSURE THE TELESCOPE IS POWERED OFF WHEN CONNECTING OR DISCONNECTING THE HANDSET EMULATOR.**

**WARNING 2: NEVER REPLACE THE ORIGINAL SHORT CORD WITH A DIFFERENT CORD, UNLESS YOU ARE CERTAIN IT IS A STRAIGHT-THROUGH WIRED CORD. CROSSOVER CORDS REVERSE THE CONNECTIONS AND WILL DAMAGE THE EMULATOR AND POSSIBLY YOUR TELESCOPE. MOST PRE-MADE CORDS AVAILABLE ARE CROSSOVER CORDS! (YOUR ORIGINAL MEADE COILED HANDSET CORD IS STRAIGHT-THROUGH, AND OK TO USE.)**

## Usage

With the telescope off, simply plug the emulator into the Keypad jack on the front panel of the scope, where the handset normally goes (see picture).

Then, turn the telescope's power on. The telescope will go through its normal boot-up process and handshake with what it thinks is the Meade hand controller.

When that completes successfully, in about ten seconds, a red LED on the emulator will blink slowly three times. This tells you the telescope is ready. From this point on it can be controlled via the RS-232 port.

