



LevelMax Level Sensor Remote Display and Control Configuration Guide

The Maxi-Tronic LevelMax sensor is an extremely rugged and full-featured level sensor for all granular, powder, small and coarse bulk product.

The Remote Display and Control unit provides an LED display*, a Start Measurement button, and an Upper Stop Position (End-of-cycle) indicator. The units connect using industry standard 4-20mA over copper wire.



LevelMax configuration:

See the *LevelMax Instruction Manual* for complete instructions.

Press and hold the SETUP button for 2 seconds to enter Setup mode.

Press SETUP to list and modify each option. (Press START to exit Setup.)

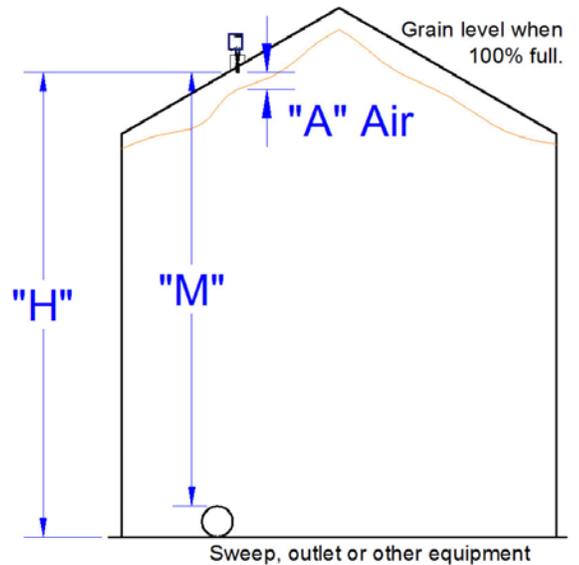
- Language: English or select other language.
- Unit: Feet or Meters
- **(M)** Max. Move Dist.: Enter the distance from the bottom of the LevelMax weight to the top of the sweep or outlet. This is for safety reasons to ensure the LevelMax weight does not become entangled in equipment or outlet. Enter H (see below) if no equipment.
- **(H)** Silo Height: Enter the distance from the LevelMax weight to the silo floor.
- **(A)** Air Distance: Enter the distance from the LevelMax weight to the top of the product when the silo is 100% full. This air distance is automatically subtracted from the measurements to accurately determine when the silo is 100% full.
- Cone Height: Enter the cone height of a hopper bottom if present. Enter 0' for flat bottom storage.

Remote Display configuration:

See the *Quick Start Manual* (located inside the Remote Display housing) for additional details.

*Determine which **Display Mode** you wish to use, see the table below.

1. Press the "MENU" button 3 times:
"ScAL" will display and then "int" will display after 2 seconds.
2. Press the "^/MAX" button:
"rd1" will appear and the default "040.0" will display.
3. Enter the "rd1" value per the table below.
4. Press MENU when done to store the value.
"rd2" will appear and the default "200.0" will display.
5. Enter the "rd2" value per the table below.
6. Press MENU when done to store the value.



Settings:	LevelMax	Display	Display
*Display Mode Options:	"H"	rd1	rd2
% Full	100	0	100
Feet to Full (Feet of Air)	Silo H*	0	Silo H*
Feet of Grain	Silo H	Silo H*	0

* Factory set to 100', the maximum LevelMax distance.

See drawing B-12-100-M1 for LevelMax wiring details.