

# AURORA

SUPER BRIGHT REMOTE DISPLAYS.

WIRELESS READY.

AUTO-LEARNING.

4 DISTINCT MODELS.

**BIGGER. BRIGHTER. BETTER.**



**WESTERN SCALE CO. LTD.**



# AURORA 45

## FULLY LOADED

The **4.5 inch** display offers a viewing range in excess of 250 ft. / 75 m.

A competitive price make the versatile Aurora 45 one of the most popular remote displays in North America.

## HIGH VISIBILITY

Bigger, brighter digits make Aurora displays easy to read in foul weather, direct sunlight, and over a wide range of viewing angles.

## EASY TO USE

**Auto-Learn Technology** interprets the data format and output string of any scale indicator, reducing set-up time.

A Drop-down electronics carriage makes installation and service quicker and easier.

## SAVE ENERGY

A smart choice for power conscious users, Aurora remote displays utilize ultra efficient LED technology.

Selectable day & night brightness levels.

Photo sensor automatically adjusts LED intensity for day & night viewing.

Power Save Mode reduces power consumption during long periods of inactivity.

Aurora Super Bright Remote Displays are the ultimate hybrid. Designed and engineered to incorporate the most standard features on the market, Aurora displays keep the diversity of the weighing industry in mind while keeping costs down.

The Aurora 45, 65, and 45 SL share identical features, operating on the same hardware and software platforms. A host of pre-installed utility programs allow Aurora displays to be extremely flexible in any industrial environment from axle weighing and totalizing to cattle auctioning.

Compatible with all scale indicators, you can select the perfect Aurora display for any application, in any industry, in all weather conditions.



# AURORA 65

## LONG RANGE VISIBILITY!

### Additional Aurora 65 features:

Simply bigger. At **6.5 inches**, there are no problems spotting weights over long distances (Over 300 ft. / 100 m).

The LED layout creates digit segments that are thicker and easier to read.

# AURORA 45 SL

## STOP & GO!

### Additional Aurora 45 SL features:

Save time and money with the built-in **RED & GREEN** traffic light.

Control the traffic light with:

- Serial commands (wired or wireless)
- Hard-wired manual switches (electrical or mechanical)
- Pre-installed utility programs.

The same bigger, brighter **4.5 inch digits** as the Aurora 45.



## AURORA SPECIFICATIONS

<b>DISPLAY</b>	High-Intensity (Ga Al In P) LED lamps 6 digits (7 segments each). 1 or 2 decimals. 4 annunciator lights (GR, NT, lb, kg) Non-glare lens (Optimized for LED clarity)
<b>COMMUNICATIONS</b>	Inputs: RS-232, RS-422/485, & 20 mA current loop.  Auto-Learn Technology: Indicator Strings and Data Format (Baud Rate, Data Bits, Parity, Stop Bits)
<b>POWER</b>	Input: 90 to 240 V AC Consumption: 25 watt (60 watt Max.)
<b>ENCLOSURE</b>	Tough, dependable mild steel Powder coated finish Breather vent (Prevents Condensation) Weather-proof Optional visors and pole brackets
<b>OTHER</b>	Dimensions (Aurora 45): 24" x 5" x 10" 610 mm x 127 mm x 255 mm  Dimensions (Aurora 65 & 45 SL): 32" x 5" x 12" 812 mm x 127 mm x 305 mm  Ship Weight: 18 lb / 9 kg (Aurora 45) 32 lb / 15 kg (Aurora 65 & 45 SL)  Temperature Range: -40°F to 120°F -40°C to 50°C

## WIRELESS COMMUNICATIONS!

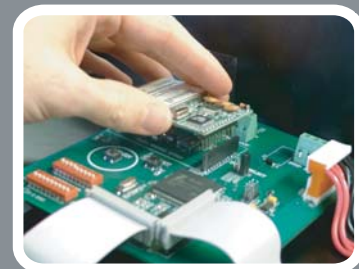
All Aurora displays feature an integrated radio option allowing communications over several thousand feet!

Standard 900MHz frequency-hopping, spread spectrum radio module.

No external housings or radio knowledge required.

Field installation kits are also available.

*Simply plug the Radio Module directly into the Controller PCB and place the antenna.*



## MORE AURORA FEATURES...

Built-in relay remotely controls external traffic lights.

Reliable and durable. A Western trademark.

Mirrored display mode.

Multi-drop capabilities: Run up to 8 scoreboards from a single serial connection.

Pre-installed utility programs include:

Axle weighing, Traffic light control, Hold weight, and more...

Stainless steel enclosure options are available. Please contact the factory for more information.

# AURORA 20



Aurora 20 shown with wireless option.

## COMPACT DESIGN

**2 inch display** with viewing range over 50 ft. / 20 m.

Selectable Indoor and Outdoor brightness modes.

Standard Aurora features including:

Auto-Learn Technology.

Bright and efficient LED digits.

Easily serviceable.

Integrated switch-mode power supply.

## AURORA 20 SPECIFICATIONS

<b>DISPLAY</b>	High-Intensity (Ga Al In P) LED lamps 6 digits (7 segments each). Up to 5 decimals. 4 annunciator lights (GR, NT, lb, kg) Non-glare lens (Optimized for LED clarity)
<b>COMMUNICATIONS</b>	Inputs: RS-232, RS-422/485, & 20 mA current loop.  Auto-Learn Technology: Indicator Strings and Data Format (Baud Rate, Data Bits, Parity, Stop Bits)
<b>POWER</b>	Input: 90 to 240 V AC Consumption: 25 watt (Max.)
<b>ENCLOSURE</b>	Rugged mild steel Powder coated finish Breather vent (Prevents Condensation) Weather-proof
<b>OTHER</b>	Dimensions: 12 7/8" x 6" x 2 1/4" 327 mm x 152 mm x 57 mm  Ship Weight: 6 lb / 3 kg  Temperature Range: -40°F to 120°F -40°C to 50°C

**MADE IN CANADA.** 

The Aurora 20 Indoor/Outdoor Remote Display offers all the sophistication of larger Aurora displays in a compact enclosure.

The reduced size of the Aurora 20 makes it uniquely suitable for mounting anywhere, particularly in crowded processing and manufacturing facilities, lift truck applications, and on-board weighing.

## AUTO-LEARN TECHNOLOGY

Western's advanced Auto-Learn Technology is more than just a buzz word. Every Aurora remote display is programmed to really "learn" indicator data strings without pressing any buttons, setting any dip switches, or shifting any digits.



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