

System 110

GPS Lightbar Guidance System



GX-45 Console

AGE Antenna

Detachable Lightbar

Complete GPS guidance system, designed to increase productivity and reduce costs



GUIDE



MAP



ASC



RATE

- Detachable Lightbar allows placement for optimal visual reference
- Optional AutoSection and Liquid Rate Control
- On-Screen Coverage Mapping
- Simple on-screen setup
- 3 Basic Modes provide guidance for virtually any field shape
- 5" Color Screen with separate day/night modes

System 110 GPS Lightbar Guidance System

Added Productivity

Topcon's lightbar guidance system improves efficiency and operating speeds while reducing overlap and extending hours of operation. The virtual road and lightbar indicator provide improved guidance for application while the on-screen visuals provide operational data.

Easy Installation and Operation

Lightweight, rugged and portable, System 110 is easy to install and use "right out of the box" with minimal training or instruction and simple on-screen setup. The high-visibility, detachable lightbar with a remote mounting option allows positioning for ideal visual reference.

The full -color display and lightbar brightness are adjustable for higher visibility and added working hours. The console features multi-function quick-action keys on each side of the screen for simple operation. The convenient USB port allows you to easily export reports and shape files.

Automatic Coverage Maps

System 110 provides useful on-screen indicators for area applied, speed, and row number, all while building a color coverage map. Coverage mapping makes it easy to identify missed areas or overlaps. Boundary mapping lets you create field outlines that you can use over and over for any application jobs performed on that field. Knowing the field's size and shape helps you plan application quantities and coverage routes.



Specifications

Voltage	9 -32 VDC
Operating temperature	-20° to +60°C (-4° to +140°F)
Comm Ports	2 USB 2 CANBUS RS232/485
Connectors	3 12 pin DTM06-12S Deutsch 1 USB Type A
Display	320 x 234 Color QVGA
Supply Current	500mA (console only)
Switched Output power	5A peripheral output

Key Features

- Optional AutoSection Control (10 section) and Liquid Rate Control
- On-screen indicators: Row Number, Speed, Area Applied
- Simple on-screen setup with visual aids, including implement offsets
- Interchangeable field views: Overhead, 3-D view, and "North Up"
- Adjustable LED intensity settings to match working conditions
- Quick action keys for simple operation
- USB, CAN & RS-232 capable
- Multiple contour patterns and language options

Optional AutoSection and Liquid Rate Control

With AutoSection Control, System 110 automatically switches up to ten sprayer sections on/off as you cross previously applied areas, reducing inputs while protecting your crops. System 110 includes settings for leading market vehicle and sprayers and allows you to set up configurations such as attached front and rear implements or single and double-trailed hitch points. Liquid rate control keeps your spray rate constant even with varied vehicle speeds.



No Limits

Instead of being limited to fixed patterns which may not be exactly right for your field, Topcon's intuitive software allows you to quickly create and follow the most efficient or practical guidance. System 110 provides three basic "modes" that can be used in a variety of combinations, allowing you to easily work with virtually any field shape.



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