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3/18/2019

Timco Engineering, Inc.
849 NW State Road 45
P.O. Box 370
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Equipment:
FCC: IPH-0225612
IC: 1792A-0225612
Model: GMN-01775 and GMN-01776

The following outlines the variants between the models listed above.

All models utilize the same PCBs except for the Front Panel assembly which is excluded by the GMN-01776. Implementation of the same PCBs allow for identical circuitry to be used between models including external and internal facing IO, central processing and transponder transmit and receive designs.

The design incorporates a Bluetooth transceiver which provides an internal chip antenna and board connector. Signal routing to either the board connector or chip antenna is determined by a switch controlled by the central processor. The GMN-01776 provides a coaxial cable providing a connection between the board connector and an external connector used by the Garmin provided stub antenna. Unit is configured to use either the internal or external antenna during the installation process. Changes to the configuration is not available to the end user. The GMN-01775 does not provide the external connector and can only be configured to use the internal chip antenna.

As noted above the GMN-01776 does not include the front panel in the design. The front end of the unit is enclosed by the top and bottom metal covers of the unit that are extended to complete the enclosure.

Signed:


Printed name: Douglas Kealey
Title: Manager Environmental and Regulatory Affairs
Date: 3/18/2019
On behalf of: Garmin International, Inc.