

Press Release

Tallysman Introduces the First Three Helical Products in a New Family of Lightweight Helical GNSS and Iridium Antennas Specifically Designed for the UAV Market

Ottawa, Canada – April 29, 2019 – Tallysman, a leading manufacturer of high performance GNSS and Iridium antennas, is announcing the first three products of a new range of helical antennas to be introduced in 2019.

The first three models of the Tallysman helical family are:

- **HC871 (25g)** - A housed, dual band, active GNSS antenna, supporting GPS L1/L2, GLONASS G1/G2, Galileo E1, and BeiDou B1.
- **HC872 (36g)** - A housed, dual band, active GNSS antenna, supporting GPS L1/L2, GLONASS G1/G2, Galileo E1, BeiDou B1, and L-Band services.
- **HC600 (18g)** – A housed, passive Iridium antenna.

The active GNSS helical antennas feature an industry-leading low current, Low Noise Amplifier (LNA), and include integrated low-loss pre-filters, to protect against harmonic interference from high amplitude interfering signals, such as 700MHz band LTE and other near in-band cellular signals.

Available in both housed and embedded OEM versions, the lightweight Tallysman helical antennas have excellent axial ratios, making them ideal for a variety of high-precision Unmanned Aerial Vehicle (UAV) applications.

The housed Tallysman helical antenna models feature a robust, military-grade plastic case, while the embedded Tallysman helical antenna models can be custom-tuned for any application and configured with a variety of cables and connectors.

Patents have been applied for with respect to several aspects of these new products.

Today Tallysman is announcing the availability of its first three models of the helical family, with additional of models to be announced in Q3 2019 and onward.

“There is a clear requirement for lightweight, high performance antennas for the rapidly growing UAV market. These new patented helical products are an extension to our existing range of superlight L1/L2 patch antennas, and will provide customers with a wider choice of antenna formats to suit their specific application requirements”, says Tallysman’s President and CTO, Gyles Panther. “These are the first of a number of new products we plan to introduce for this application to support our already wide customer base for UAV antennas.”



Learn more about Tallysman's helical antenna family by visiting us at booth 3739 at AUVSI Xponential 2019, "The World's largest tradeshow for unmanned and autonomous systems", taking place April 29 to May 2 in Chicago.

For more information about the new family of GNSS and Iridium antennas, please contact sales@tallysman.com.

About Tallysman®

With global headquarters and manufacturing in Ottawa, Canada, Tallysman is a leading manufacturer of high-precision antennas and components for Global Navigation Satellite System (GNSS) applications. Tallysman's mission is to support the needs of a new generation of positioning systems by delivering unprecedented antenna precision at competitive prices. (www.tallysman.com)

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