

BASE MAST

CT15 TELESCOPIC MAST



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Codan's CT15 mast is a lightweight but robust telescopic mast solution designed for permanent or temporary installation that is compact for transportation, and quick and easy to deploy.

The mast is designed to be deployed at discrete heights of 10 m, 12 m and 15 m. However, it can be locked off at other heights if needed, making it a very flexible solution that precludes the need for multiple masts.

QUICK DEPLOY

With installation tools included, the mast can be fully installed by a two man team in under 30 minutes. With the mast site selected the supplied guy marker is used to mark the guy radius and peg locations.

The spirit level is used to set the nested mast vertically and it is secured in place with four auxiliary low level guys. The mast sections are raised one by one securing the tightening clamps until the desired height is reached.

The main guys are colour coded and provided with quick action locking plates that enable them to be quickly adjusted as the mast is extended. This ensures that the mast is secured at all stages of deployment. The mast sections are clearly marked with red limit marks to avoid over extension of any section.

The CT15 mast is supplied with clear and easy to read instructions on a plasticised weather resistant sheet and a comprehensive set of installation tools.

LIGHTWEIGHT AND ROBUST

Lightweight, yet sturdy, the versatile mast is constructed from heavy duty aluminium tube that resists bending and can withstand harsh environmental conditions. The masts are designed to withstand wind speeds up to 144 km/h (90 mph) in clear air.

TRANSPORTABLE

With a nested height of only 1.75 m the compact design of the CT15 facilitates ground and air transport. Designed for reuse, the mast is simply retracted at the completion of the mission and transported to the next mission or stored for future use.

COMPATIBLE CODAN ANTENNAS

Tactical Antennas (25W Manpack)

- 15-00454 Long Wire
- 15-00458 End-fed Broadband
- 15-00456 Broadband Dipole
- 15-00455 Wire Dipole
- 15-00457 Dipole and Broadband Kit

Base Antennas

- 78-01012 Semi-delta (125 W PEP)
- 78-01246 Semi-delta (1000 W PEP)
- 15-00411 TFD411 (All variants)
- 15-00403 Tuned long wire
- 78-01266 Whiskey NVIS (1000 W PEP)

MAST PART NUMBER

- 15-60038 CT15 Telescopic Mast

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SPECIFICATIONS

Installed height	15 m (50 feet) maximum
Alternative heights	12 m (40 feet), 10 m (30 feet)
Number of Guys	3 levels each with 4 guy ropes
Auxiliary Guys	1 lower level with 4 guy ropes
Guy radius	Guys radius 8 m (26 feet)
Maximum head load	15 kg (33 lb)
Maximum wind speed	44 km/h (90 mph) in clear air as a standalone mast, subject to anchoring method
Supplied tools	Radius cord, spirit level, hammer, No. 8 allen key, 10 mm and 13 mm spanners
Mast weight	20 kg (44 lb)
Packed weight	50 kg (110 lb)
Packed dimensions	190 x 22 x 22 cm (6 x .7 x .7 ft)
Mast material	Heavy duty Aluminium
Guy material	2 mm plastic coated galvanised steel wire, UV resistant
Auxiliary guy material	4 mm Dyneema rope, UV resistant

Values noted are typical. Equipment descriptions and specifications subject to change without notice or obligation.

