



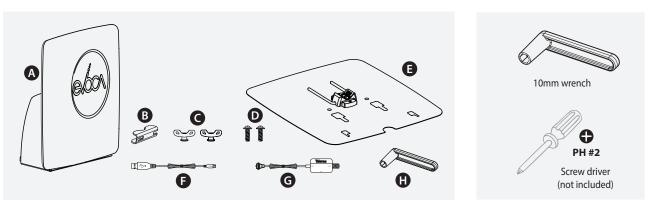
MIMO Antenna

TV-130990

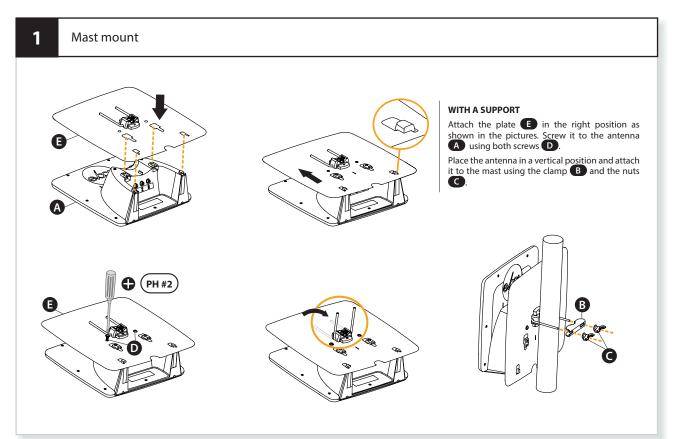
Assembly, operation, and maintenance instructions

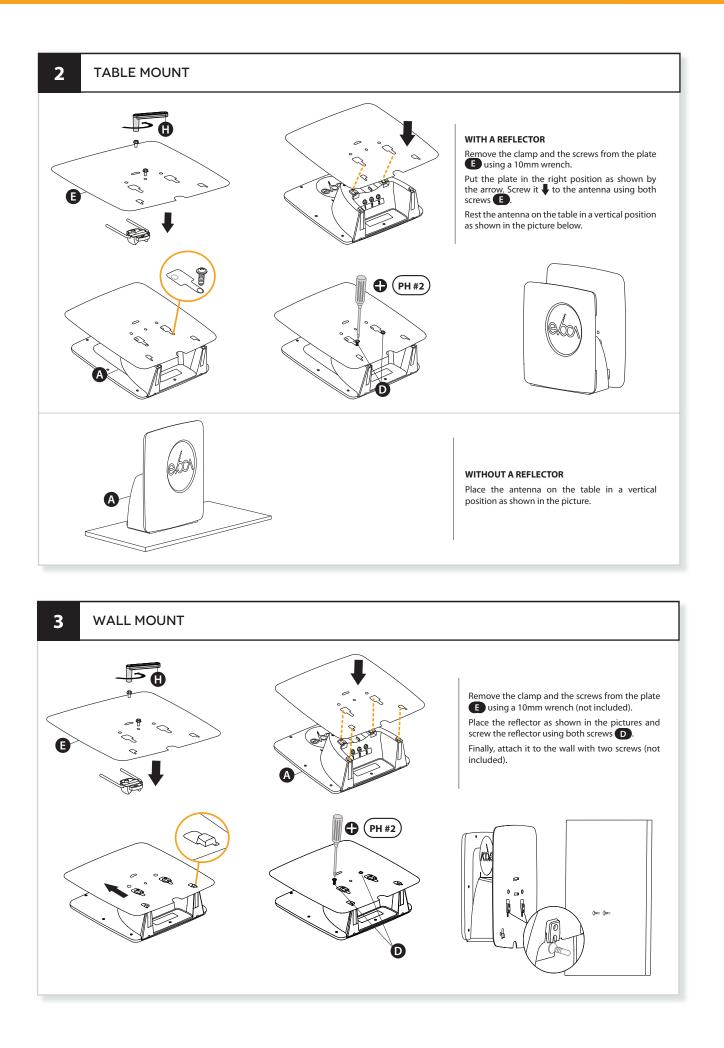
Contents of the box

NEEDED TOOLS

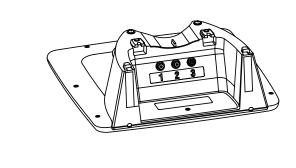


Installation





4 CONNECTION



- **1.** 5G OUT **2.** VERTICAL OUT + V____
- 3. HORIZONTAL OUT + V ====

SAFETY INSTRUCTIONS

LIGHTNING PROTECTION

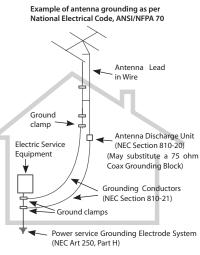
- If installed outdoors, be sure the antenna system is grounded so as to provide protection against voltage surges and builtup static charges. Section 810 of the National Electrical Code ANSI/NFPA70, or CSA C22.1 sections 10, 16, and 54, of the Canadian Electrical Code, provide information with respect to proper grounding of the mast and supporting structure, grounding of the antenna lead-in wire to an antenna discharge unit, size of grounding conductors, location of antenna-discharge unit, connection to grounding electrodes, and requirements for the grounding electrode (see figure and instructions).
- Mount the lightning arrestor or 75 ohm coaxial grounding block as close as possible to where the 75 ohm coaxial cable down lead enters the house.
- The ground wires for both the mast and the down lead should be copper or aluminium

wire, number eight (8) or larger.

- The down lead wire from the antenna to the lightning arrestor and the mast ground wire should be secured to the house, spaced from four (4) to six (6) feet apart.
- In the case of a "ground up" antenna installation it may not be necessary to ground the mast if the mast extends four or more feet in the earth. Consult a TV serviceman for the proper depth in your location.

WARNINGS

- To prevent fire or shock hazard, do not expose the included power supply to rain or moisture.
- Installation of off-air antennas near power lines is dangerous. For your safety, follow the installation instructions.
- Any alteration or modification to the product or usage not in accordance with product instructions voids the warranty.

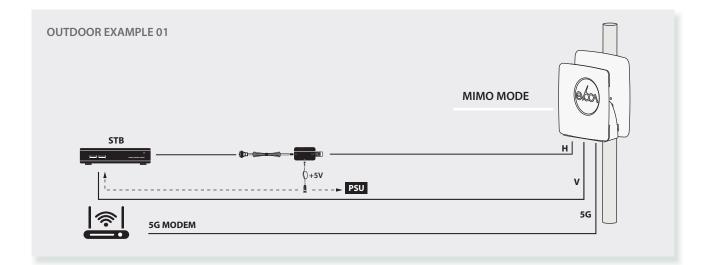


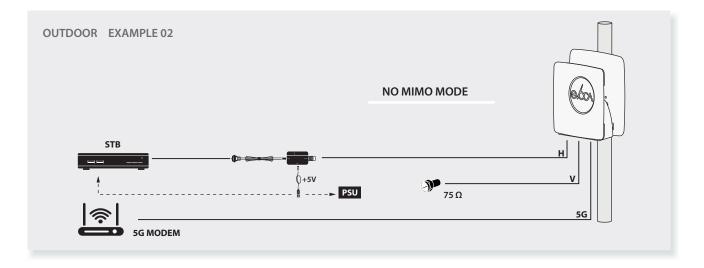
NEC - National Electrical Code

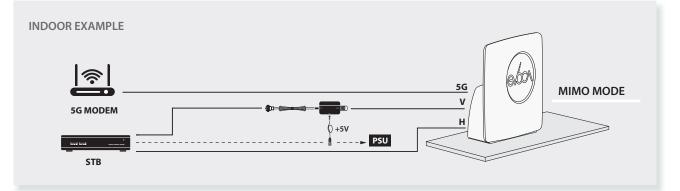
Ref.		130990		
Outputs		5G	VERTICAL	HORIZONTAL
FRECUENCY	MHz	630 - 960 / 1,7 - 2,7	UHF (CH14 - CH36) 470 - 608	High VHF / UHF (CH7 - CH13) / (CH14 - CH36) 174 - 216 / 470 - 608
GAIN	dBi	0	32 (1)	23 (1) / 32 (1)
Crosspolar rejection	dB	> 13		
Powering	V ====	5		
Consumption	mA	150		
Weight	lb	5.74		
Dimensions	in	13.98 x 13.98 x 4 (without clamp)		
Temperature	°C	-5 45		
IP	IP	53		

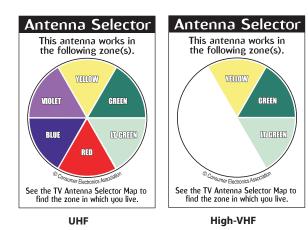
TECHNICAL SPECIFICATIONS

 $^{\left(1\right) }$ Self regulating gain.









This equipment has been tested and found to comply with the limits for a Class A digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference when the equipment is operated in a commercial environment. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instruction manual, may cause harmful interference to radio communications. Operation of this equipment in a residential area is likely to cause harmful interference in which case the user will be required to correct the interference at his own expense.

