SAT TVRO SYSTEM (T-Series)

Ku/C-Band 3-Axis marine stabilised antenna for multiple satellite TV selection (45, 61, 85, 100, 120, 240, 300Cm)



- The Model T40/60/80/100/120/240/300 TV maritime satellite antenna.

The T-Series TVRO is a popular maritime satellite television system, made for high performance and superior quality by Marine Radio Co., Ltd. It has a dish from 40cm to 300cm, which is perfect for vessels yet still maintains a wide coverage range. The ADE has a 3-axis stabilisation system with enhanced reception which many others cannot rival. It has strong frame antenna and built-in GPS for fast satellite acquisition and higher performance to stay locked on, which helps the mariners to receive analogue, digital, and HDTV signals while vessel is cruising in rough sea conditions. In addition to wide coverage range and built-in GPS for fast satellite acquisition, it also includes DVB-S2 (digital video broadcasting) signal identification, and MRC's proprietary antenna control and fast-track signal lock software, plus high-performance stabilisation which can track satellites even in inclement weather. Also the system will support multiple receivers and its programmes have worldwide coverage.

- Selection Guide of Antenna Models.

The MRC T-series line of products is designed for ship owners who want to watch satellite television on their vessel regardless of whether it is moored or voyaging in rough conditions. - Copyright Notice: The detailed technical information in this sheet may change without notice.

Item	T40	T60	T80	T100	T120	T240	T300
Dish	45Cm(18")	61Cm(24")	85Cm(33")	100Cm(40")	120Cm(48")	240Cm(95.5")	300Cm(118")
Dome(H x D)	63cm x 51cm	82cm x 72cm	121cm x 113cm	151cm x 139cm	161cm x 157cm	355cm x 320cm	375cm x 380cm
Dome Material	Plastic	Plastic	FRP	FRP	FRP	FRP	FRP
Weight	19kg	37kg	57kg	90kg	105Kg	530kg	620kg
Min. EIRP, Ku/C	48dBW	46dBW	44dBW	43dBW	41dBW	36dBW/31dBW	35dBW/30dBW
Az/El	640°/ -20° ~ 95°	640°/ -15° ~ 85°	640°/ -10° ~ 100°	Unlimited/ -20° ~ 110°	Unlimited/ -20° ~ 110°	Unlimited/ -15° ~ 120°	Unlimited/ -15° ~ 120°
Skew Control	Auto/100°	Auto/100°	Auto/220°	Auto/260°	Auto/260°	Auto/300°	Auto/300°
LNB	Quad/Quattro	Quad/Quattro	Quad/Quattro	Quad/Quattro	Quad/Quattro	Dual C/Quattro Ku	Dual C/Quattro Ku
Tracking Spd.	More 90°/sec	More 90°/sec	More 90°/sec	More 90°/sec	More 90°/sec	More 90°/sec	More 90°/sec
Platform	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis	3-Axis
Area	Worldwide	Worldwide	Worldwide	Worldwide	Worldwide	Worldwide	Worldwide
GPS	Built-In	Built-In	Built-In	Built-In	Built-In	Built-In	Built-In
Gyro	Option(NMEA)	Option(NMEA)	NMEA	NMEA, Synchro, Step-by-Step	NMEA, Synchro, Step-by-Step	NMEA, Synchro, Step-by-Step	NMEA, Synchro, Step-by-Step
Temp/Humid.	-25°~55°/100%	-25°~55°/100%	-25°~55°/100%	-25°~55°/100%	-25°~55°/100%	-25°~55°/100%	-25°~55°/100%
Ku/C Band	Ku	Ku	Ku	Ku	Ku	Ku/C	Ku/C
Ship	Yacht	Small	Commercial	Commercial	Large	Passenger	Cruise/Offshore



T240



T40



T60



T80



T100



T120



T300

ISO 9001 Certified. For more information, visit www.mrckorea.com

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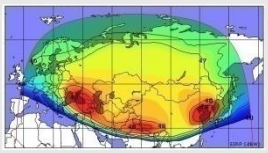
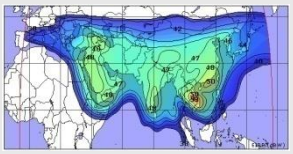
SATELLITE TVRO 100cm (T100)

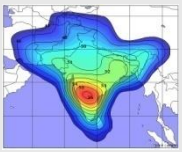
3-Axis marine stabilised antenna system
For multiple satellite TV selection

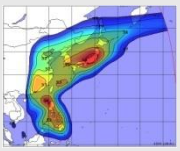
- Coverage Maps of Satellite TVRO and VSAT - The coverage map is intended as a general guideline.

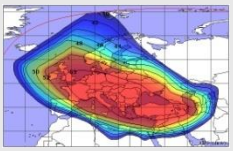

Abs1 (E75) North

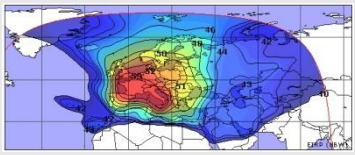

Abs1 (E75) South

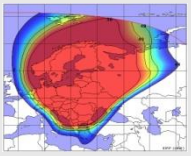

Jcsat10 (E128) KU

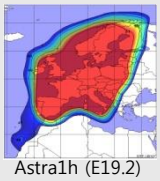

Nss6 (E95) India

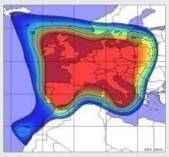

Nss6 (E95) NE Asia

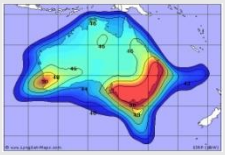

Tturk2a (E42) West

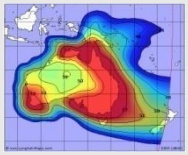

Hotbird9 (E13)

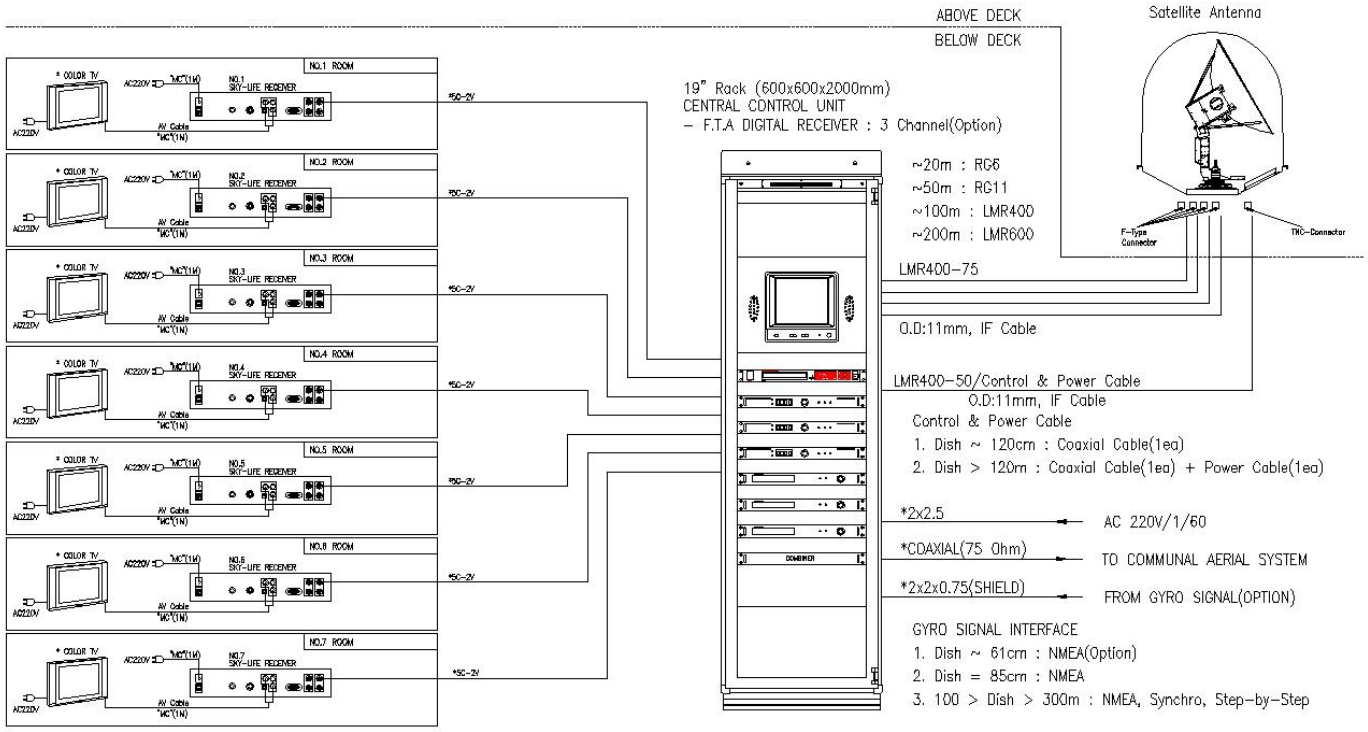

Thor3 (W0.8)


Astra1h (E19.2)


Astra2a (E28.2) South


Optus C1 NB (E156.0)


NSS6 Australia (E95.0)



Wiring Diagram of TVRO System for Multiple TV (for Reference)

Agent of MRC

Headquarters

MRC (Marine Radio Co., Ltd.)
1. Address: 6-19, Namhangseo-ro, Youngdo-gu, Busan, Korea
2. Tel: +82-51-414-7891~7
3. Fax: +82-51-413-2604
4. Post Code: 49050
5. Homepage: www.mrckorea.com,
6. E-Mail: verygood@mrckorea.com

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