



Satellite dishes with partnerships

Dishes, LNBS, switches and a partner
delivering the expected results to both
end-users and distributors

Simply **more**
- more simply





Business results do not come out of the blue sky

Satellite dishes are not only mass volume products in their own right, but are also keys to a much broader market for TV entertainment, including network subscriptions and a wide range of systems and products giving the end-user maximum benefit.

Triax's range of dishes includes competitive and leading products for mainstream markets, and also includes products needed to serve and develop end-user segments with special and more sophisticated requirements.

Our contribution to market development is however much greater than superb products. By simplifying logistics we enable our partners to operate efficiently and profitably in their markets. And by offering more in terms of innovation and added-value products we make an effort in developing the business of our partners.

- DAP Fibre Glass Dishes with high durability even in coastal areas and mountain regions
- Triax Basic Dishes offering value-for-money and probably the best dish you can offer as promotion
- LNBs and all other complementary items for direct-to-home or community network installations
- Accessories such as different types of LNB brackets, splitters, plugs and outlets

Apart from the dishes and accessories presented in this brochure, the Triax product range covers all the systems and products needed in the distribution of TV-signals, including set-top boxes, aerials, systems for community networks, etc.

We can deliver satellite dishes as complete systems including set-top boxes and LNBs and in consumer packaging. And we can deliver dishes in bulk to your stock or packaging line, with brackets and other components packed in bulk or as individual sets.

Cooperation on efficient logistics can go far beyond packaging and delivery. Triax is well prepared for electronic handling of orders and for offering for example online support to your customers. A simple and less sophisticated example of cost saving logistics is the clear and detailed instructions enclosed with all our products, saving our distributors a lot of support time.



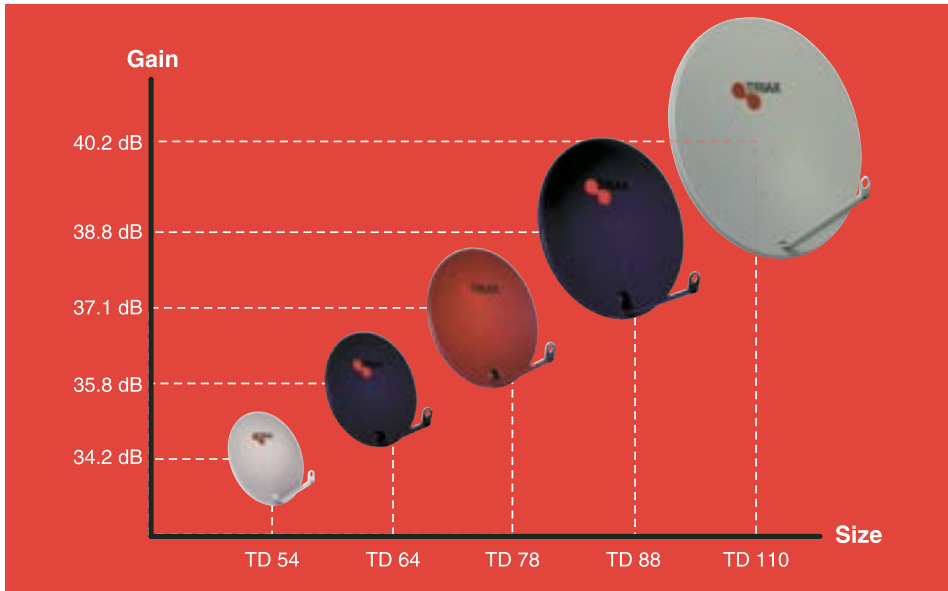
Satisfying consumer demands

Triax's range of satellite dishes includes

- TD dishes for end-users demanding long lasting quality solutions and for installers who want to minimize the time spent on installations
- Unique Multi Reception Dishes covering up to 4 different satellites with one dish developed by comprehensive research

Saving costs through efficient partnerships

All Triax products can be ordered, packed and delivered in different ways optimizing your handling and distribution. We can deliver in bulk and packed exactly in the way, that best enables you to save costs and achieve your desired results.



TRIAX offers a series of dishes with appropriate small gain intervals of approx. 1.5 dB between each variant from which the different dish sizes result.

Sustaining your brand image

All our dishes can be delivered as own label products – in the colours and with the branding you desire, provided that ordering quantities are sufficient. Triax's efficient quality control guarantees a consumer experience reflecting positively on your brand.



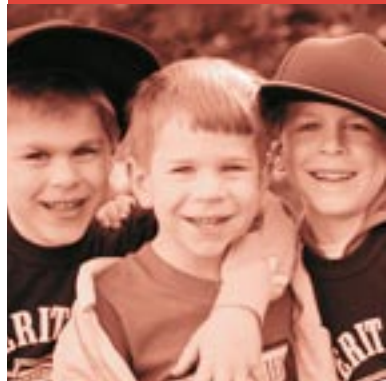
Quality in all processes is the basis

All Triax dishes are manufactured at our own production plants and with the use of robots and precision tools to achieve uniform, high quality. Triax is of course ISO 9001 certified and our quality management system encompasses all processes from the reception of coils and other raw materials to order handling.



Automation and robots ensure that each and every dish has the optimum geometry developed by Triax

Partnership



All Triax dishes are wind-tunnel tested according to ETSI standard ETS 300784. This requires the dish to be exposed to varying wind velocities of up to 42 m/s from all directions and elevations.



The anti-corrosive coating process is fully automated and includes cleaning, phosphating and polyester powder coating. The efficiency of the process is tested in large-scale salt mist chambers and in long-term tests at the North Sea.



Mechanical strength is tested by exposing the dish to 100000 vibrations at resonance frequencies.



A lasting result mounted in two minutes

TD dishes

Almost any dish can provide the signals needed to get a clear TV-picture. But will consumer satisfaction last, if signals deteriorate due to corrosion of the reflector or if the dish is damaged by a storm?

TD dishes minimize problems of any kind. Long-term corrosion is prevented by an extremely thorough anti-corrosive process and polyester coating. A solid construction of all parts, including the non-slip mast brackets, ensures that the dish remains in its correct position, when other dishes are torn down or twisted by a heavy storm.

Mounted and adjusted in two minutes

Saving trouble and money is not only a long-term consumer benefit. TD dishes allow a substantial reduction in time used for mounting and adjusting:

1. The elevation bracket is pre-mounted and is easily fixed to the mast with non-slip mast brackets
2. A setting scale on the elevation brackets facilitates precise adjustment to the required satellite
3. The pre-mounted feedarm just needs unfolding, and the LNB holder with the LNB is simply clicked on

A dish for any job

TD dishes are available in sizes, materials and colours for any job ranging from single to multiple use applications and any type of environment:

- 5 sizes ranging from 50 x 55 cm (34.2 dBi gain) to 100 x 105 cm (40.2 dBi gain)
- Delivered in aluminium or galvanized steel
- Available in a number of standard colours and any other colour and own label branding can be supplied against a minimum quantity

- Available in DeLuxe version with anti-corrosive coating also on the feedarm and the elevation and mast bracket
- Delivered in individual packaging, but also available in bulk packs minimizing costs of transportation and handling

TD dishes are of course manufactured according to Triax's quality standards - with precision tools and robots ensuring absolute uniform and optimum geometry for perfect reception,

and with mechanical tests (100000 vibrations) and wind tunnel tests (ETS 300784) ensuring consumers a solid and lasting product.



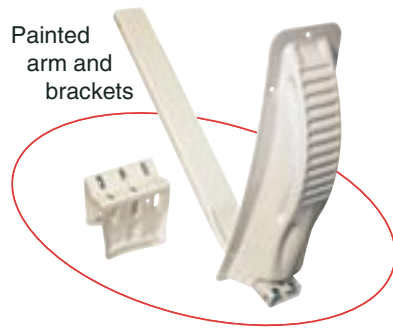
The coaxial cable is led through the feedarm to the back of the dish where an extra plastic locking device ensures safe fixture of the feedarm.



The precise scale setting ensures quick adjustment to the required satellite.



TD-galvanised steel dishes



Technical data

TYPE		TD 54	TD 64	TD 78	TD 88	TD 110
Size		50 x 55 cm	60 x 65 cm	70 x 78 cm	85 x 95 cm	100 x 105 cm
Part No.		Please look in your price list	Please look in your price list	Please look in your price list	Please look in your price list	Please look in your price list
Frequency range	GHz	10.7 - 12.75	10.7 - 12.75	10.7 - 12.75	10.7 - 12.75	10.7 - 12.75
Gain @11.7GHz	dBi	34.2	35.8	37.1	38.8	40.2
G/T LNB 0.7dB	dB/K	14.2	16.0	17.3	19.2	20.6
X-polarisation	dB	> 27	> 27	> 27	> 27	> 27
Offset angle	degrees	26	26	26	26	26
Elevation range	degrees	10 - 50 45 - 80	10 - 50 45 - 80	10 - 50 45 - 80	10 - 50 45 - 80	10 - 50 45 - 80
Reflector type	F/D 0.6	Offset	Offset	Offset	Offset	Offset
Beam width	degrees	3.7	3.1	2.6	2.0	1.8
Windload @42m/s	N	323	445	619	902	1222
Material		Galv. steel	Galv. steel	Galv. steel	Galv. steel	Galv. steel
Finish		Polyester powder coat	Polyester powder coat	Polyester powder coat	Polyester powder coat	Polyester powder coat
Plastic LNB holder	mm	Ø40 + Ø25	Ø40 + Ø25	Ø40 + Ø25	Ø40 + Ø25	Ø40 + Ø25
Mast dimension	mm	Ø32 - 60	Ø32 - 60	Ø32 - 60	Ø32 - 60	Ø32 - 60
Wall bracket		- optional extra	- optional extra	- optional extra	- optional extra	- optional extra



Accessories for TRIAX TD-dishes

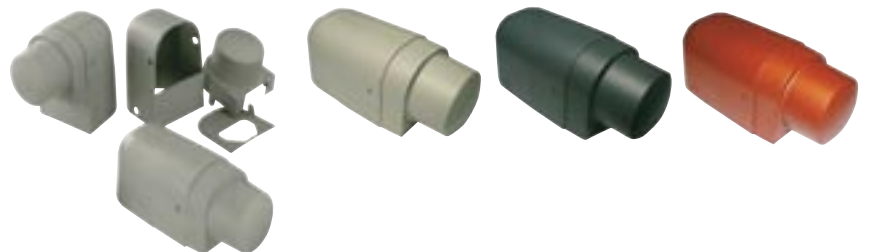
LNB brackets

TYPE	TD 6° Duo Block	TD 6° Duo Block	TD Flexi Block	TD - 3 LNB Multi Block	TD - 4 LNB Multi Block
Part No.	300715	300717	300719	300728	300727
Colour	Black	Grey	Black	Black	Black
Angle degrees	6	6	3 - 10	3 - 20	3 - 20
Plastic LNB holder mm	Ø40	Ø40	Ø40	Ø40	Ø40
Remarks	Ø25 adaptor - optional extra	Ø25 adaptor - optional extra	Ø25 adaptor - optional extra	Ø25 adaptor - optional extra	Ø25 adaptor - optional extra



LNB covers

TYPE	TD LNB cover Ral 7035	TD LNB cover Ral 7030	TD LNB cover Ral 7016	TD LNB cover Ral 8012
Part No.	300771	300775	300776	300777
Colour	Grey	Light grey	Anthracite	Brickred
Remarks	For angular as well as axial LNBs	For angular as well as axial LNBs	For angular as well as axial LNBs	For angular as well as axial LNBs



Accessories

TYPE	TD Plastic parts	Type "J"	Type "S"	Wall Bracket	TD Polarmount
Part No.	129420	128050	128070	300709	124078
Material	Plastic (Ral 7030)	Galv. steel	Galv. steel	Galv. steel	Steel
Tube dimension mm		Ø25	Ø25	Ø45	Ø32 - 50
Packing size	Single pcs.	Single pcs.	Single pcs.	Single pcs.	Single pcs.
Angle degrees					± 30
Remarks	All plastic spareparts for TD dish in a set	Incl. 2 plastic plugs	Incl. 2 plastic plugs		



Thinking one step ahead...

Triax's philosophy is customer-orientation: In both our markets, TV-systems and enclosures, our objective is to save time and trouble for the installers, operators and distributors building their business on our products.

Simplicity and support are key words, expressed both in products and in service.

Our products offer more in performance and simplifying logic, and in our support customers have easy access to understandable, useful and competent answers.

Innovative thinking, service-oriented people and advanced technology has made Triax one of the leading European suppliers of both TV-systems and enclosures.

We offer everything that can be expected from a professional supplier within these fields. Triax is of course ISO 9001 certified and delivers products according to all acknowledged local and international quality standards.

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