


# Specifications

MFA – Masthead Amplifier	Triax MFA Series	
	Products	Article number
	<p style="text-align: center;"> <b>MFA 611</b>  <b>MFA 621</b>  <b>MFA 656</b> </p>	<p style="text-align: center;"> <b>340611</b>  <b>340621</b>  <b>340656</b> </p>

- 800 MHz prepared
- Simple and easy mounting on mast or wall
- Attractive design in a high quality waterproof masthousing
- Built-in green LED indicator light when power is on
- Adjustable gain on all inputs
- Low noise figures

### General description:

Triax A/S has developed 3 new versions of our well known MFA series. The new masthead amplifiers have the following combination of ports:

- MFA 611: 1 input - BIII(DAB)/UHF, 2 outputs
- MFA 621: 2 inputs - BIII(DAB)/UHF + FM, 1 output
- MFA 656: 3 inputs - UHF + BIII(DAB) + FM, 1 output

800 MHz prepared:

Our new range of masthead amplifiers are prepared to cut off channel 61-69, as the European Commission has decided to assign the 790 – 862 MHz frequency band (channel 61-69) to mobile communication services.

### Recycling:

- This product is manufactured in compliance to current EU environmental and recycling requirements and standards (WEEE, RoHS, etc.). Please observe your local implementation and requirements when recycling.

### Installation:

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## Technical data

Product			MFA 611	MFA 621	MFA 656
Article number			340611	340621	340656
Number of in-/output			1/2	2/1	3/1
Input 1	Band		BIII(DAB)/UHF	BIII(DAB)/UHF	UHF
	Frequency	MHz	174-230/470-790	174-230/470-790	470-790
	Channel		5-12 + 21-60	5-12 + 21-60	21-60
Input 2	Band			FM	BIII(DAB)
	Frequency	MHz		87-108	174-230
	Channel			FM	5-12
Input 3	Band				FM
	Frequency	MHz			87-108
	Channel				FM
Gain	UHF	dB	15-30		20-35
	BIII(DAB)	dB	10-25		10-22
	FM	dB		5-15	5-15
	BIII(DAB)/UHF	dB		20-35	
Noise figure	UHF	dB			≤ 2.5
	BIII(DAB)	dB			≤ 2.5
	FM	dB		≤ 2.5	≤ 2.5
	BIII(DAB)/UHF	dB	≤ 3.5	≤ 2.5	
Return loss	In/out	dB	10/8	10/8	10/8
MAX output level @-60dB IMA3		dBμV	103	103	103
Voltage		VDC	12-24	12-24	12-24
LED indicator		Green	Yes	Yes	Yes
Connectors			F-con	F-con	F-con
EAN			5702663406117	5702663406216	5702663406568
Weight		kg	0.205	?	0.230
Dimensions	Height	mm	115	115	115
	Depth	mm	60	60	60
	Width	mm	107	117	137

