



Ace Aquatec Universal Scrammer – AA-01-048V2 Technical Information

Trigger Device (V Standard)

Special features	Communicates to Silent Scrammer, ANSS or AAUS by sound Devices are individually coded (0 to 15) Telemetry of device code and Violence level to Scrammer
Dimensions	Length 300mm, diameter 83mm
Weight	1.5kg
Material	Stabilised UPVC
Electrical	Internal battery pack. 5 year continuous operating life. 7 year storage life.
Acoustic	0.25 Acoustic Watts
Rating	Fully submersible to 30 metres.
Servicing	None
Maintenance	Monthly removal of marine growth.

Universal Scrammer (AAUS)

Special features	Triple mode operation (LISTEN, SCRAM or HYBRID) Very low power consumption (5mA) in LISTEN mode May be used with or without Trigger Devices User can select timed scram rate from zero to 72 per hour
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Control Box

Special features	Auto-thresholding to the triggering activity of your fish Full logging and reporting of triggering activity Escalated response to predator attack Pre-emptive algorithm anticipates attack Intelligent re-charging of internal battery Estimates endurance of attached battery
Dimensions	87 x 76 x 127mm
Weight	830g
Material	Polycarbonate
Electrical	One or more of the following: 115 to 240VAC or 12VDC.
Rating	IP67 (temporary immersion to 250mm)
User Interface	20 x 4 character LCD controlled by single large button

U/W Electronics

Special features	Scram per-test prevents accidental operation in air Cage protects transducer from mishandling
Dimensions	190mm diameter, 520mm height
Weight	11kg
Material	Nylon and stainless steel
Electrical	10Ahr internal battery pack
Rating	fully submersible to 100m
Acoustic Output	194dB re 1uPa@1m (16kHz)
Frequency range	19 frequencies from 3.3 – 20kHz
Scram sequence	64 sequences chosen randomly
Scram period	5 seconds per trigger (4 second test scram)

Cable

Special features	Gold-plated underwater-mateable connectors 4 tonnes breaking strain
Dimensions	20m length with strain relief points
Material	Polyurethane with internal Kevlar strain member
Rating	Fully submersible to 100m

APP

Special features	4 bolt-fixing points for extreme environments
Dimensions	222 x 345 x 875mm
Weight	1.1kg
Material	Structolene

Maintenance	Clean cable and U/W electronics monthly to remove marine growth
Servicing	Annual