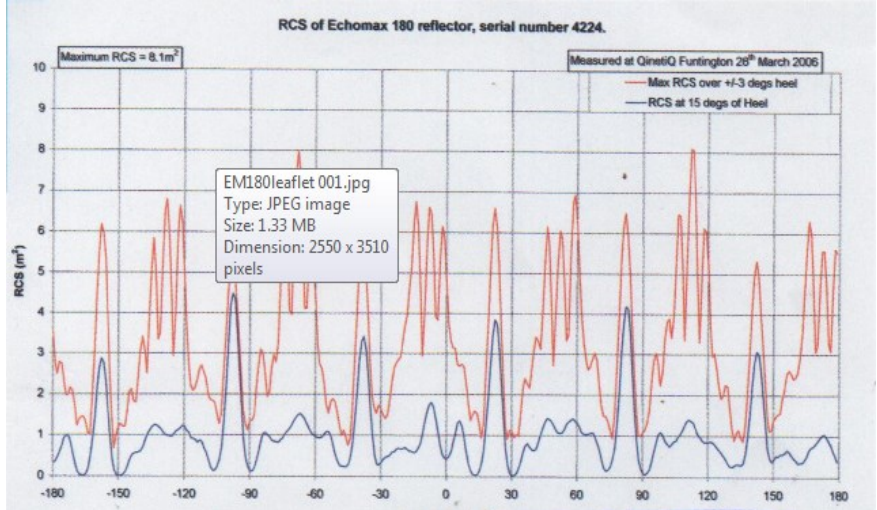# ECHOMAX EM180

We have combined the largest possible array with the smallest possible robust polyethylene case with minimum windage and weight.

The **EM180** is suitable for deck, mast mount fixing, or halyard suspension and is available in white, orange, black, yellow.

Dimensions
Height—470mm (overall)
Width—197mm (overall)
Fixing Centres: 435mm
Fixings: 2 x 8mm stainless eyelets
Weight: 1.4kg
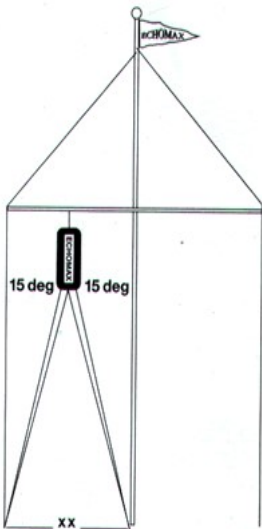

Mounting - Fitting Instructions

ISO 8729/RORC/ORC recommend a mounting height of not less than 4m above sea level, where possible.
Sailing Yachts - Halyard Mount
To help compensate for heel and avoid mast shadow suspend the reflector as illustrated.   Take tails through reflectors bottom eye and then to separate cleats via loops at --xx-- and set the reflector in the best vertical position.
IMPORTANT
Yachtsmen will be aware of the need to trim the reflector when on the reverse tack, failure to do so will result in compounding the angle of heel rendering the reflector inefficient.
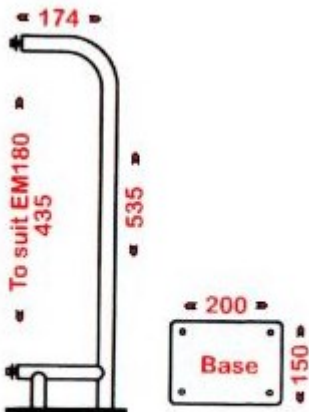
Sailing Yachts - Mast Mount

Echomax may be fitted in any position around the mast (i.e fore or aft). Hypothetical figures on mast shadow may be viewed on our website www.echomax.co.uk
Utilising Echomax stainless steel mast brackets fit reflector as high as possible on the mast, using Monel or stainless steel rivets (3/16 x 1/2" 4.8 x12.7mm). To avoid electrolytic action use zinc chromate paste between bracket and mast or closed cell foam tape. Firstly fix top bracket to mast in the required position, measure distance vertically between centres, mark position of lower bracket then drill and fix. Use two stainless steel hexagonal bolts 8mm dia x 30mm long to fix Echomax to the mounting brackets.

Motor Vessels - Mast or Deck Mount

If the vessel has a mast fit as above, or use Echomax deck mounting bracket.

EM180DB

Echomax Radar Reflectors
The only one to be seen with!

www.echomax.co.uk
reflectors@echomax.co.uk
01371 830 216