

In late 2016 Channel 28 were requested by a yacht management company to develop a high-quality service call button for simple integration onto new and existing vessels. The buttons were to offer feedback with haptic buzzer and coloured LED ring in a variety of different finishes.

The Morse buttons are an 80mm diameter button with an 8mm acrylic ring. The button is a 35mm diameter piezo switch which operators on a simple push or tap. The whole unit is sealed to IP67.

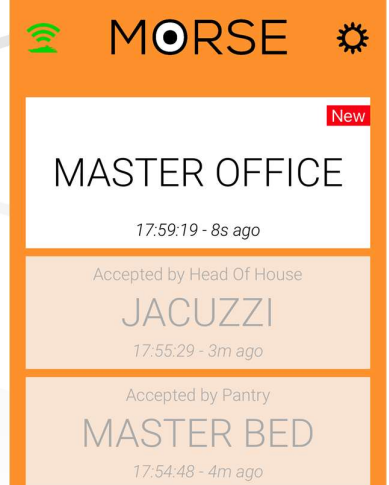
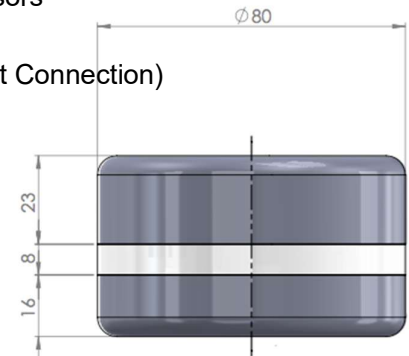
The Morse button uses the yacht's Wi-Fi to connect to a number of head end (control) servers such as:

- Crestron Control Systems - Modules freely available for Series 3 processors
- Channel 28 cState Secure Crew UHF systems

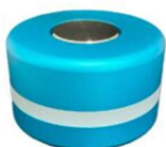
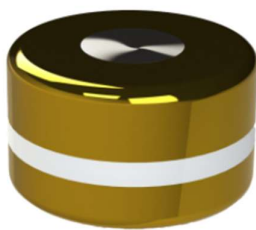
Apple iPhone / iPod Touch - either dedicated or yacht's own (requires Internet Connection)

MORSE BUTTON SPECIFICATIONS

Chassis Standard Finishes	Polished or Brushed Stainless. Brushed Anodised Aluminium. Bead Blasted Matte Anodised Aluminium. RAL Colour High Gloss Finishes.
Button Finish	Machined Stainless Steel.
Specialist Finishes (costed to suit) (chassis and button)	Gold, Silver or Nickel Plating. PVD Coating. Other options costed on request.
Laser Marking	Bespoke marking with micro-sandblast finishing to chassis top and/or button available on request in some finishes. High build full colour printing. Cost subject to order quantity and artwork.
LED Ring	8mm frosted acrylic 6 LEDs individually controllable Animated (fade / rotate) effects 65k colours controllable by server.
Motion Indication	3V Haptic Motor
Diameter	ø80mm
Height	45mm
Weight	Stainless 650g Brass 690g Aluminium 450g
Wi-fi Spec	2.4-GHz IEEE 802.11 b/g tx/rx
SSID	User specified (V1 Morse not to include spaces)
Power Source	CR2 3V Lithium Manganese Dioxide Battery.
Typical standby power usage	< 10 µA / < 30 µW.
Typical Battery Life (calc)	1-year normal use.
Delivery Server Support	Modules Freely Available for Crestron 3 or 4 Series Processors.
Support for iPhone / iPad delivery	iPhone / iPad Morse App available for service call delivery to iPad (e.g. pantry) and/or iPhone or iPod Touch.



Gallery of typical finish options:



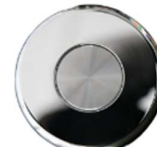
Aqua



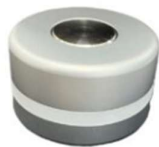
Blue



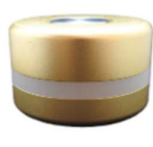
Matte Bronze



Polished Stainless



Light Grey



Gold Bead Blasted



Red



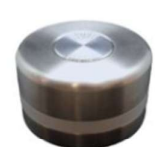
Orange



Deep Orange



Deep Blue



Brushed Stainless



White



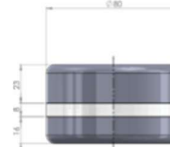
Matte Render



Black Render



5 Button White



Gallery of bespoke options:



Red Engraved



Engraved



Engraved button



Yellow Engraved



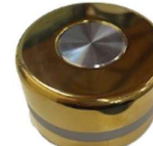
Polished Stainless Engraved



Light Bronze Engraved



Gold Plated Engraved



Gold PVD Coating