

## Provision and Integration of Channel 28 Morse Service Call Buttons

As a specialist integrator of crew communication systems to the yacht industry, Channel 28 has experience of providing and integrating digital comms to yachts from 20 to 125 metres. These include recent launches such as a 98M Abeking & Rasmussen yacht and a 122m Lurssen yacht.

In late 2016 Channel 28 were requested by a high-end management company to develop a quality service call button for simple integrations onto yachts. The buttons are intended to offer feedback with haptic buzzer and coloured LED ring in a variety of different finishes.

Within well over 2,000 buttons in yachts, hotels and private houses, our Morse service call buttons leverage the latest low-energy Wi-Fi chipsets to deliver dependable, long-lasting performance without the need for charging bases. These buttons integrate effortlessly into your yacht's existing Wi-Fi network and control system.

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 buttons bodies are available as standard in the following finishes:

- Polished or Brushed Stainless Steel
- Brushed Anodised Aluminium
- Bead Blasted Matt Anodised Aluminium
- RAL Colour High Gloss Finishes

Further finishes on demand:

- Gold / Silver / Nickel Plating
- PVD Coating

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

- Crestron Control Systems - Module available for Series 3 processors
- Channel 28 cState UHF

## Call Delivery Options

### Crew Radio System

The Morse service call buttons integrate with the yacht's crew radio system, whether using Motorola or Hytera radios, through the onboard control server. When a Morse button is pressed, a notification is transmitted directly to the radios, allowing crew members to receive, accept, and respond to the call effortlessly. This ensures quick, efficient communication.

### iPad / iPhone / iTouch and the Morse App

Any number of iPads can run the free Morse App to display and acknowledge calls. Depending on the app settings the iPad can be left open and will ring continuously. Alternately the app can be closed and Apple notifications are used (requires internet connectivity). Apple iPhone / iPod Touches can also be used to accept and respond to the Morse calls - either dedicated or yacht's own (also requires an internet connection).