

FURUNO

MobCom Mobile Communication



Wireless Deck Communication

Wireless VOX deck comms

Technical Information

On deck wireless communication headsets :

Leveraging the Icom ROIP system full duplex VOX operated helmet communications providing completely secure (AES256 encrypted) communications and intercom system between up to 20 crew members at once. Operated over standard WiFi access points (Both 2.4 & 5Ghz). Coverage easily expanded or integrated to existing vessel infrastructure. IP68 enclosures for access point available.



Headsets for IP100H units available in PTT (Push to Talk) or VOX (Voice operated transmission). 0.8W 8 Ohm speaker. 85dB max sound pressure. (Double sided headsets have speakers for LEFT and RIGHT ears) (2K2 Noise cancelling electret microphone double encapsulated on boom. From LEFT hand speaker)

Existing Peltor DECT headsets wired to TP120 may be used with IP100H via adapter supplied VOX or PTT



Helmets (Gecko MK11 or Future Safety Blue Ray) with built in IP100H communications affording full VOX transmission and intercom facilities. Helmets Fluorescent Yellow with SOLAS reflective markings for safety on deck. IP100H pod, complete with 4400mAh batteries for 30+ hours 'real world usage'. Magnetic charging, no exposed contacts. Integrated programming sockets for individual network setup.

Lightweight headsets available to IP100H radio for bridge crew, where either PTT or VOX transmission is required.

Icom IP100H solution means multiple 'talk groups' can be established. Can be changed by an administrator 'on the fly'. Single IP100H units can be given 'God Rights' to listen and talk to all groups.



- Deck Hands
- Factory Workers
- Engineers

System can be interfaced to SIP telephone system to link IP Phones to IP100H units. Direct dial to individual units or 'talk groups'.

- Full duplex VOX intercom
- Completely Secure (No one can listen in!)
- Integrates with existing infrastructure
- Modular
- IP100H available 'in port' for replacement
- IP100H IP67
- Helmet headsets IP68 to Gecko MK11 or Future Safety BlueRay
- Helmet mounted comms IP68



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