

When Communication Matters

In an environment when every second counts, your operation requires proven and accurate communication. Clear-Com intercom systems provide crews with full-duplex communication so that emergency or urgent interruptions get the appropriate attention. Noise from the surrounding environment, like on a shipdeck or in an engine room, can be blocked out with noise-cancellation capabilities to ensure that every vital, or potentially life-saving instruction or announcement is clearly heard.

There are different ways of transmitting communication, so you may be asking why having a full-duplex system is important.



Simplex Transmission

In Simplex Transmission, data flows only in one direction - from the sending device to the receiving device. Simplex Transmission is used only when the sending device does not require a response from the receiving device.

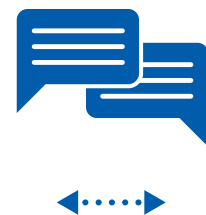
Example: A microphone to a loudspeaker



Half-Duplex Communication

Half-duplex communication allows two-way conversations, one-way at a time, such that one person cannot interrupt the other.

Example: A walkie-talkie



Full-Duplex Communication

Full-duplex describes bi-directional communications all the time. Regular communications between individuals conversing face to face is full-duplex. In other words, you can talk and listen simultaneously. Full-duplex communication allows simultaneous two-way conversations where one person can interrupt the other.

Example: Two people having a conversation