

Common Battery Telephone

*Marine Common Battery Telephone (LC-600)
For Submarine and Navy*



- Operations and Specifications

Telephone Sets: The common battery telephone consists of the direct and mutual selection types and is divided into the following according to the purpose.

No.	Type	Name	1:1	1:12	1:24	Area	Etc.
1	Desk	LC-511	O			Office, Cabin	
		LC-612A		O			
		LC-622A			O		
2	Wall	LC-513C	O			Galley	
		LC-613F	O			E/R, S/G/R(w/Sub-Rx)	
		LC-613G	O			E/R, S/G/R(w/Headset)	
		LC-614A		O		Mess Room	
		LC-614B		O		Galley(Gland : 1EA)	
		LC-614C		O		Galley(Gland : 2EA)	
		LC-614E		O		FCS(Gland : 3EA)	
		LC-614F		O		E/R, S/G/R(W/Sub-Rx)	
		LC-614G		O		E/R, S/G/R(w/Headset)	
		LC-624A			O	Mess Room(N.W.T)	
		LC-624B			O	Galley(Gland : 1EA)	
		LC-624C			O	Galley(Gland : 2EA)	
		LC-624E			O	FCS(Gland : 3EA)	
		LC-624F			O	E/R, S/G/R(W/Sub-Rx)	
LC-624G			O	E/R, S/G/R(w/Headset)			
3	Flush	LC-515C	O			W/H or E.C.C/C.C.C	
		LC-616A		O		W/H (W/Dimmer Sw.)	
		LC-616C		O		ECR(W/Signal Kit)	
		LC-626A			O	W/H (W/Dimmer)	
		LC-626C			O	ECR(W/Signal Kit)	
4	Portable	LC-517	O			Bunker St, U/Dk P/S	
		LC-618		O		Bunker St, U/Dk P/S	
		LC-628			O	Bunker St, U/Dk P/S	

- Electric Specifications (Telephone)

1. Operation Voltage : 24 ~ 32V DC (Min-Max)
2. Power Consumption : App. 0.7W, 30mA, at 24VDC (Standard)
3. Call Consumption : App. 24W, 1A, DC24V
4. In/Out Impedance : App. 600 Ohm
5. Speech / Side-Tone Amp. Gain : App. 25dB/-15dB
6. Operating Temperature/Humidity : -10°C ~ + 40°C/less than 90%

- Electric Specifications (Power Supply: MPS-050B)

- 1. Operation Voltage : 19 ~ 36V DC (Min-Max)
- 2. Output Power : 24V DC, Max. 2.5A,
- 3. Output Adjustment : 24V DC ±10%
- 4. Ripple Rejection Ratio : Min. 50dB
- 5. Operating Temperature Range : 0°C ~ +40°C
- 6. Operating Humidity: : less than 90%

- Common Battery Telephone System (LC-600)

Common battery telephone system is used for communicating with the wheel house, the engine control room, and the steering gear room in case of emergency and for communication between the areas or rooms when necessary. It is manufactured to be a waterproof and dustproof system appropriate for the vessel and adopts the input power supply of 24V DC to deliver communications and signal (bell, lamp, etc.).

This system includes the following types: desk, flush, wall waterproof, portable and intrinsically safe (used for normal condition or in the area with the possibility of accident) types, all which can be interfaced to the Horn/Bell/Flashing Light, and Foot switch. The system is tested at the IEC60945 standard and approved for CE.



MPS-050



LC-616A



LC-614C



LC-612



LC-614C



LC-614G



MR-2000



LC-618



JB-6A

ISO 9001 & OHSAS 18001 Certified, for more information, visit www.mrckorea.com

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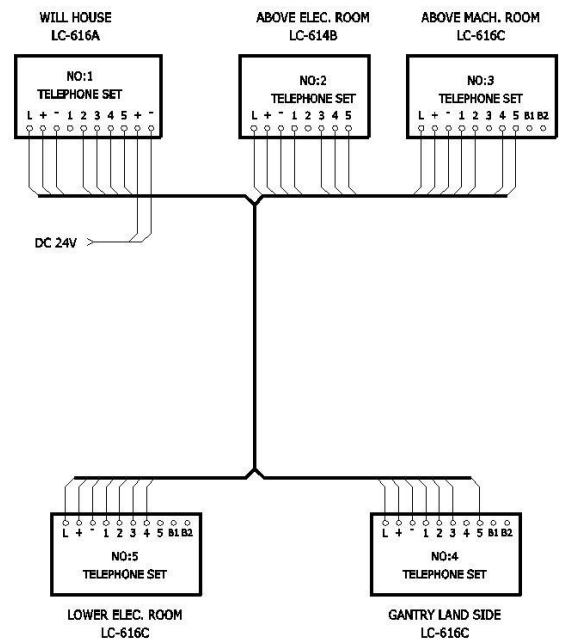
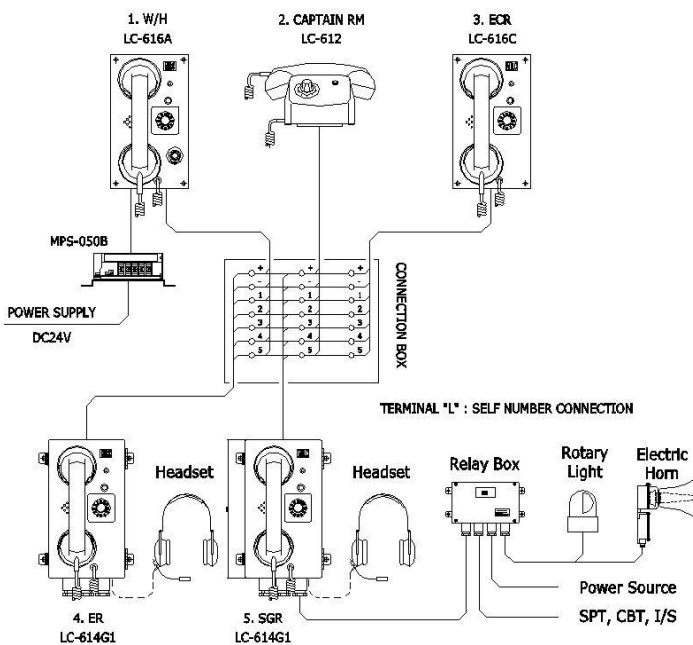
4. CBT

- Mutual Selection Type (Max. 24 Station)-(LC-600)

1. Calling
 - a) Select a destination you want to call.
 - b) If you lift the handset, the call signal is transmitted to the selected slave station.
 - c) If the other party responds, you talk with him or her.
2. Answering
 - a) The lamp blinks and the bell rings.
 - b) Lift the handset.
 - c) Talk with him or her.

- Direct Type (1:1 Station)-(LC-500 Series Only)

1. Calling
 - a) Lift the handset and push the call button.
 - b) Then, the call signal is transmitted to the other party.
 - c) If the other party responds, talk with him or her.
2. Answering
 - a) The lamp blinks and the bell rings.
 - b) Lift the handset.
 - c) Talk with him or her.



Wiring Diagram of Common Battery Telephone System for 6-Station (LC-600)

Agent of MRC

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