

2.5. Two-way Communication System (Two-way Telephone System) Specifications

2.5.1. Two-way Communication System or Two-way Telephone System requirements shall comply with **Table 7.2.**

Table 7.2: Specifications of Two-way Communication Systems

ITEMS	REQUIREMENTS
1. USAGE	i. Two-way Communication Systems or Two-way Telephone Systems shall be provided for Civil Defence personnel use. And it shall be collocated with the Emergency Voice Evacuation and Communication System.
2. LOCATION	<p>i. As a code of practice, Two-way Communication Systems or Two-way Telephone Systems shall be common talk (i.e., a conference or party line circuit), providing at least one telephone station or telephone jack (Fireman's Phone Jack), located at the following locations.</p> <ul style="list-style-type: none"> a. Inside stair, b. on every floor landing c. Inside Fire Lift lobby d. Inside Each elevator car e. Inside Fire Pump Room f. Inside Area of Refuge, if any. <p>ii. At least two handsets shall be stored at each control centre for use by emergency responders.</p> <p>iii. Each telephone station or telephone jack shall be clearly and permanently labeled to allow the caller to identify his or her location to the control center by voice.</p>
3. FEATURES	<p><u>1. GENERAL</u></p> <ul style="list-style-type: none"> i. Two-way telephone communications equipment shall be listed and approved for two-way telephone communications service. ii. Monitoring of the integrity of two-way telephone communications circuits shall be provided. iii. Two-way telephone communications service shall be capable of permitting the simultaneous operation of any five telephone stations in a common talk mode. iv. A notification signal at the control equipment, distinctive from any other alarm, supervisory, or trouble signal, shall indicate the off-hook condition of a calling telephone circuit. If a selective talk telephone communications service is supplied, a distinctive visible indicator shall be furnished for each selectable circuit so that all circuits with telephones off-hook are continuously and visibly indicated. v. A means for silencing the audible call-in signal sounding appliance shall be permitted, provided that it is key operated or located in a locked cabinet, or provided with protection to prevent use by unauthorized persons. The means shall operate a visible indicator and sound a trouble signal whenever the means is in the silence position and no telephone circuits are in an off-hook condition. vi. If a selective talk system is used, means mentioned above shall be permitted, provided that subsequent telephone circuits going off-hook operate the distinctive off-hook signal.