

Table 7.1: Specifications of Emergency Voice Evacuation or Communication Systems

ITEMS	REQUIREMENTS
10. INSTALLATION	<ul style="list-style-type: none"> i. Controls that are intended to be accessed by authorized users such as control units, including switches, microphone, latches and so forth, shall be located above the finished floor a minimum of 910 mm and a maximum of 122 mm where the horizontal reach is less than 25 cm. ii. If a horizontal reach of 25 cm to 61 cm is required, the maximum elevation shall be limited to 1070 mm above the finished floor and the minimum elevation shall be limited to 710 mm. iii. Text and visual indicators, including lamps, screens, displays, instructions or labels, associated with control or operation shall be visible within all points of elevation between 1020 mm and 1520 mm above the finished floor.
11. INTERFACING WITH FACP	<ul style="list-style-type: none"> i. A control unit having both Fire Detection and Alarm System (FACP) and Emergency Voice Evacuation or Communication System (ECV), combined is preferred by Civil Defence. ii. A single dedicated Emergency Voice Evacuation or Communication control panel shall also be permitted with interfacing to FACP in compliance to all the following requirements. iii. The fire alarm control interface shall coordinate signals to and from each system to accomplish the following: <ul style="list-style-type: none"> a. Indicate the failure at the system control unit that will be impaired b. Provide an audible and distinctive visible indication at the affected FACP to indicate the ECV is active. c. Cause the fire alarm system to deactivate all audible and visible notification appliances whose operation could interfere with the intelligibility of the mass notification message or that will deliver conflicting information to occupants. d. Not permit the fire alarm system to turn off audible and visible notification appliances for special suppression predischARGE notification, if any. e. Connected to Civil Defence 24 X7 monitoring system for activation and trouble indication.