



# PHONTECH Communication Systems

## BTS 4000 Batteryless Telephone System

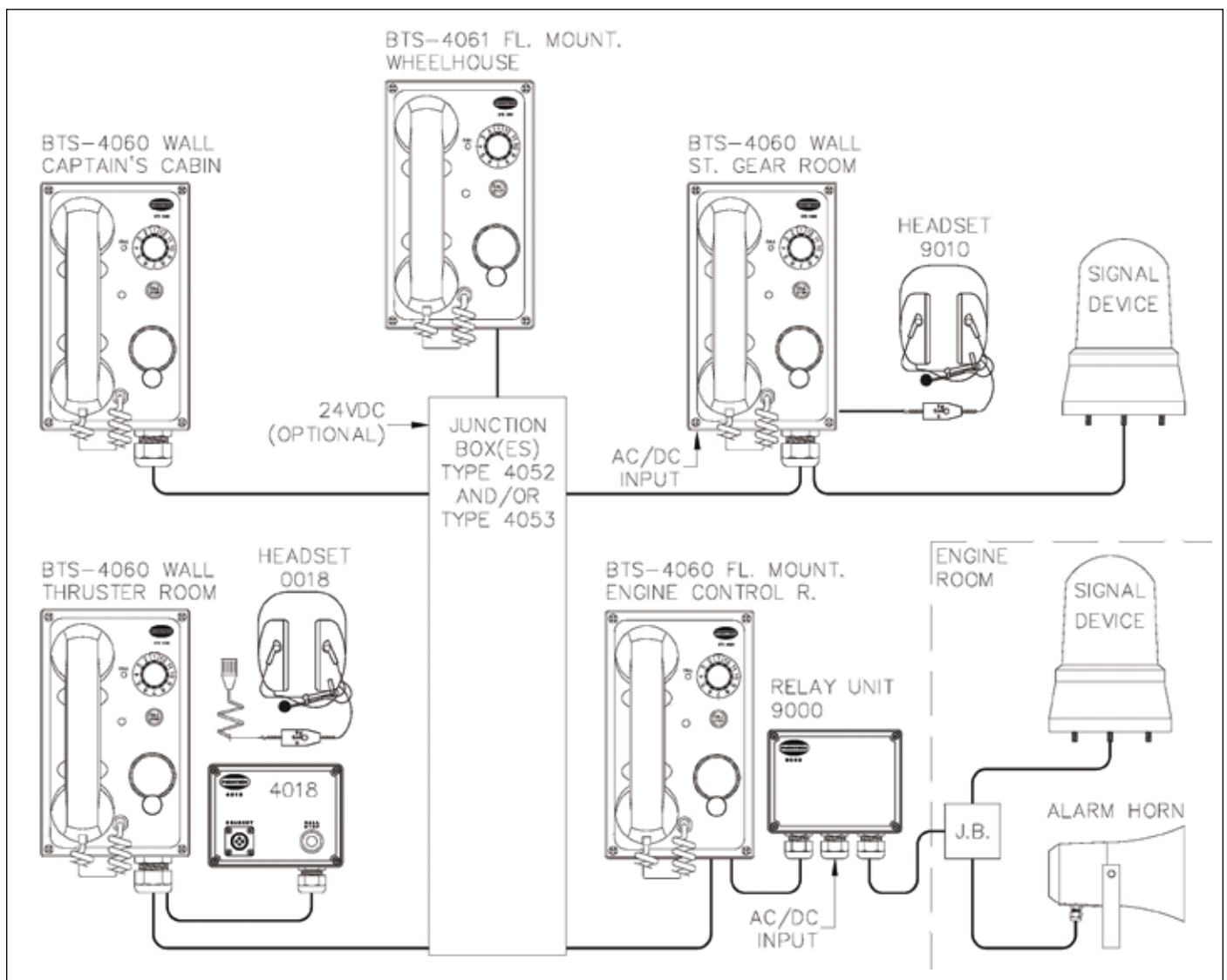


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# ▶ BTS 4000

System 4000 is an emergency telephone system without the requirement for any external power supply. All energy required for 6-9 minutes of continuous operation is produced by the call generator. The system is equipped with a sophisticated, extremely low power amplifier with high power and low distortion output. The amplifier is integrated in one of the telephone units to reduce the installation cabling. The system may also be connected to an external 24 V DC power supply to ensure continuous operation under normal conditions. The system automatically switches to batteryless and emergency operation in case of mains power failure. The system is based on two types of units; 4050-single line (direct call), and 4060-12 lines version. Any configuration needs one master telephone with a built in speech amplifier, either 4051-single line or 4061-12 lines version. For larger configurations, there is also a 24 lines system available. For these systems a separate speech amplifier type 4000 is needed.

## BLOCK DIAGRAM





## SPECIFICATIONS

Colour:	Black RAL 4005 with white print.
Dimensions:	240 x 144 x 70 mm (h x w x d).
Weight:	Flush: 1,4 kg.
Wall:	1,8 kg.
Protection;	IP 44 (wall mounting versions).

## AVAILABLE UNITS

- 4050: Single line version without amplifier
- 4051: Single line version with built in amplifier
- 4060: 12 lines version without amplifier
- 4061: 12 lines version with built in amplifier
- 4040: 24 lines version without amplifier
- 4014: Weaterproof cabinet for telephones

## FEATURES

- Robust handset with PTT button and noise-canselling microphone
- Strong piezo-electric call buzzer
- Call L.E.D.
- Call delay timer and call stop switch
- Compact size according to DIN 144 standard
- Plug-in relay facility
- Backlight facility (only at 24VDC connected)

All the standard telephones are basically built for flush mounting, but by means of a back-box it will be wall mounting. Phontech may also deliver portable versions.

## ADDITIONAL UNITS

### Relay unit type 9000

For connection of an additional signal device to the telephones.

Dimensions: 130 x 100 x 52 mm.  
Maximum switching current: 6 A.



### 4052/4053

Avail junction boxes from Phontech for interconnection.

### PCB 99400-010

Plug-in relay-board for telephones.

### Headset type 0018

Solid industrial headset for maximum noise attenuation and optimal communication quality in noisy areas. 0018 is equipped with chest switch with microphone disable function, 10 m cable and plug.



### 9010

Headset for direct interconnection to telephones.

Otherwise same as 0018.



### Plugbox type 9011

Weatherproof plugbox for connection of a headset to the telephones.

Dimensions: 130 x 100 x 52 mm.



### 4018

Plugbox with call-stop switch, for connection of separate headset type 0018.

Dimensions: 130 x 100 x 52 mm



## I.S. TELEPHONE

### TELEPHONE TYPE 4005

Bulkhead mounting, extra headset available.  
Material: Cast aluminium  
Colour: Light blue box, with red handset/cradle.  
Dimensions: W = 160 mm, H = 260 mm,  
D = 175 mm (with handset).

Weight: 3,5 kgs.



### BUFFER UNIT TYPE 4004

Flexible modular unit mounted into wall cabinet.  
Maximum config.: 12 lines total  
(I.S. + batteryless)

Power: 24V DC



BTS 4000 is type approved by the following classification societies : DNV, CCS, RMRS, RINA, ABS



Agent/Distributor:

Jotron Phontech AS reserves the right to change the design and/or specifications at any time without prior notice. Reservations are also taken towards any general errors that may occur.

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