

# Compact 50W Portable PA Systems



- UHF Wireless Microphone
- MP3 CD Player
- Wireless Link Transmitter
- Input/Output & Amplifier
- Battery & Power Supply

## FEATURES

- Compact design sets up in seconds
- Rugged lightweight cabinet
- MP3 compatible CD player
- Inbuilt carry handle
- High performance 50W amplifier
- Built in backup battery
- Optional radio microphone receivers (794-806MHz)
- Desk or stand mounting
- Optional wireless link for cable free transmission to additional systems
- Optional karaoke echo module
- Provision for 8Ω extension speaker
- RCA line input/output
- 6.35mm / XLR combination wired microphone input.
- 240VAC mains or battery operation

## Compact Portable PA System

### Can be easily tailored to suit your requirements.

This compact portable PA system features a sturdy, lightweight injection moulded cabinet. The system includes a high power 50W (RMS) amplifier and can be supplied with an MP3 compatible anti-skip CD player and up to two wireless microphone receivers. The in-built amplifier has balanced or unbalanced wired microphone inputs, plus line in and line out RCA connection. The radio microphone receivers are 96 channel, allowing easy selection of non-interfering frequencies. Each receiver includes individual frequency adjustment and volume control. The system is supplied with in-built batteries and charging facility to provide 3-4 hours continuous use. The two way speaker system comprising of an 8 inch woofer and high frequency horn ensures excellent sound quality for both music and speech reproduction. Weighing only 12kgs it is truly portable allowing a wide range of use in schools, places of worship, clubs, auctions etc. Sets up in just seconds for instantaneous use.

**C 7189 Optional wireless link transmitter:** For larger venues or audiences, the addition of this module allows several units to be used in the same area without the need for speaker or signal wiring. In this application you have a master and as many slave units as required for the venue. The wireless link module is fitted to the master unit which then transmits any audio signal (including wireless mic, CD player or wired mic) to the slave units, which are fitted with a UHF wireless microphone receiver.

**C 7187 Optional UHF wireless microphone receiver:** Installation of this module adds wireless microphone capability to all models. Maximum of 2 modules per portable PA.

**C 7190 Optional karaoke echo module:** For karaoke applications this module includes adjustable repeat and delay, plus two local wired 6.35mm mic inputs. Suits all models.

**C 7195 Beltpack transmitter:** • Compact & lightweight with metal housing • Fitted with 3.5mm jack socket • On / Off / Mute switch • Requires 2 x AA batteries, either alkaline (14 hour use) or NiMH rechargeable (11 hours use). Note: Beltpacks not supplied with a mic.

**C 7192 Handheld transmitter:** • Exceptional performance • Textured body • Requires 2 x AA batteries, either alkaline (14 hour use) or rechargeable (11 hours use).

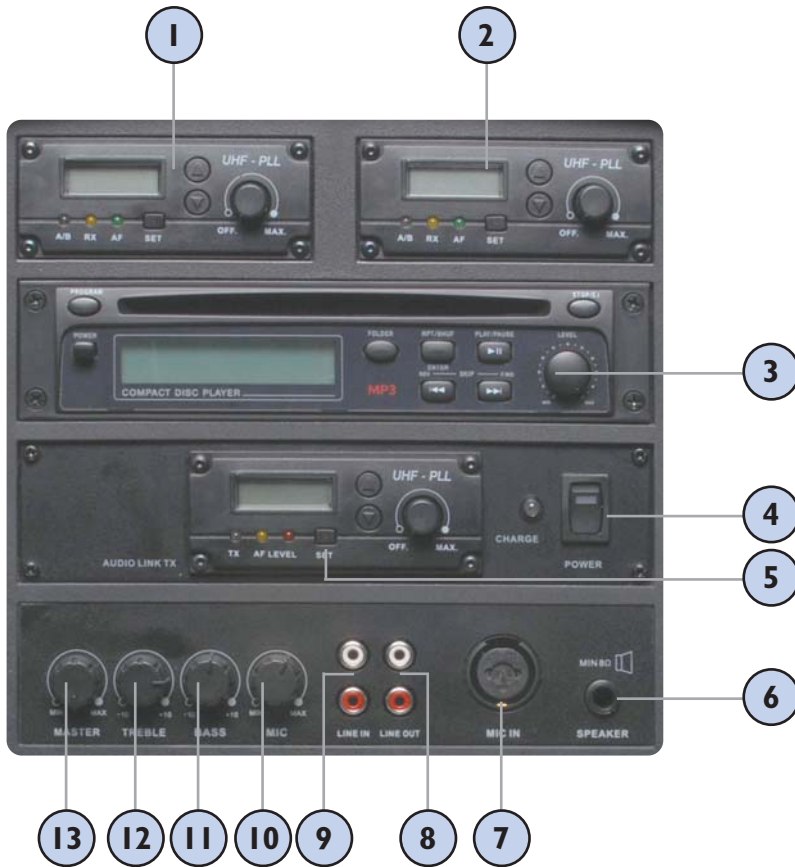
#### Models

- C 7180** Basic PA
- C 7182** PA with UHF wireless mic
- C 7184** PA with UHF wireless mic & CD/MP3 player
- C 7192** Handheld transmitter
- C 7195** Beltpack transmitter

#### Optional Extras

- C 7197** Lapel microphone to suit beltpack
- C 7198** Headset microphone to suit beltpack
- C 7187** Additional UHF wireless mic receiver
- C 7189** Wireless link transmitter
- C 7190** Karaoke echo module
- C 7196** Beltpack charging pod
- C-7180A** Replacement battery 2.9Ah

## Rear Panel\*



\*Shown with 2 x UHF wireless mic modules and wireless link transmitter module

- 1: UHF wireless transmitter A
- 2: UHF wireless transmitter B
- 3: CD/MP3 player
- 4: ON/OFF switch
- 5: Wireless link transmitter
- 6: Extension speaker output
- 7: 6.35mm TRS / XLR 3 pin combination mic skt.
- 8: Line out
- 9: Line in
- 10: Wired microphone level adjustment
- 11: Bass adjustment
- 12: Treble adjustment
- 13: Master level adjustment

## Electronic Specifications

### Portable PA Amplifier

Sensitivity .....	95dB 1W @ 1m
Maximum SPL .....	112dB
Frequency Response .....	20Hz to 20kHz
Output Power .....	50W RMS
Signal to Noise Ratio .....	<70dB
Inputs .....	XLR 3 pin, 6.35mm TRS, stereo RCA
Outputs .....	Stereo RCA line out, Speaker out 6.35mm (8 ohm)
Controls .....	Master volume, bass, treble, line volume, wired mic volume
Power .....	96-264V AC/32V DC switching power supply
Battery .....	12V, 2.9Ah x 2 (sealed lead acid)
Operating Life (fully charged) .....	3-4hrs
Charging Time .....	4-6hrs
Dimensions .....	300 x 230 x 470mm
Weight .....	12kg

### Beltpack Transmitter (C 7195)

Mic Insert .....	Condenser
RF Output .....	10mW
Spurious Emission .....	<250mW
Audio Input .....	Mic in, Aux in
AF Controls .....	Mute switch, hi/mid/lo switch
Battery .....	1.2V NiMH rechargeable x 2 or 1.5V Alkaline x 2
Operating Life (fully charged) .....	11 hrs (NiMH) or 14 hrs (Alkaline)
Dimensions .....	88 x 64 x 24mm
Weight (with batteries) .....	170g

### Handheld Transmitter (C 7192)

Mic Insert .....	Dynamic
RF Output .....	10mW
Spurious Emission .....	<250mW
AF Controls .....	Hi/lo/mute switch
Battery .....	1.2V NiMH rechargeable x 2 or 1.5V Alkaline x 2
Operating Life (fully charged) .....	11 hrs (NiMH) or 14 hrs (Alkaline)
Dimensions .....	460 x 264mm
Weight (with batteries) .....	280g

### Audio Link Transmitter Module (C 7189)

RF Output .....	10mW
Spurious Emission .....	<250mW
Antenna .....	Internal
Dimensions .....	88 x 64 x 24mm
Weight .....	170g

### UHF Wireless Receiver Module (C 7187)

Antenna Mode .....	Diversity
Spurious Rejection .....	70dB
Adjacent Channel Performance .....	68dB @ 250kHz
Antenna .....	Internal
Dimensions .....	128 x 88 x 37mm
Weight .....	110g

### Digital Echo Module (C 7190)

Input Sensitivity .....	10mV
Delay Time .....	340ms - 110ms
Audio Input .....	6.3mm TRS x 2
Controls .....	Echo, repeat, delay, mic 1 volume, mic 2 volume

### Overall System

Frequency Range .....	PLL synthesised control, 794-806MHz (96 channels)
Switching Bandwidth .....	Max 12MHz
Dynamic Range .....	110dB
THD .....	Less than 0.5%
Frequency Response (wireless) .....	70Hz-16kHz
Operating Range .....	50-70m (line of sight)

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