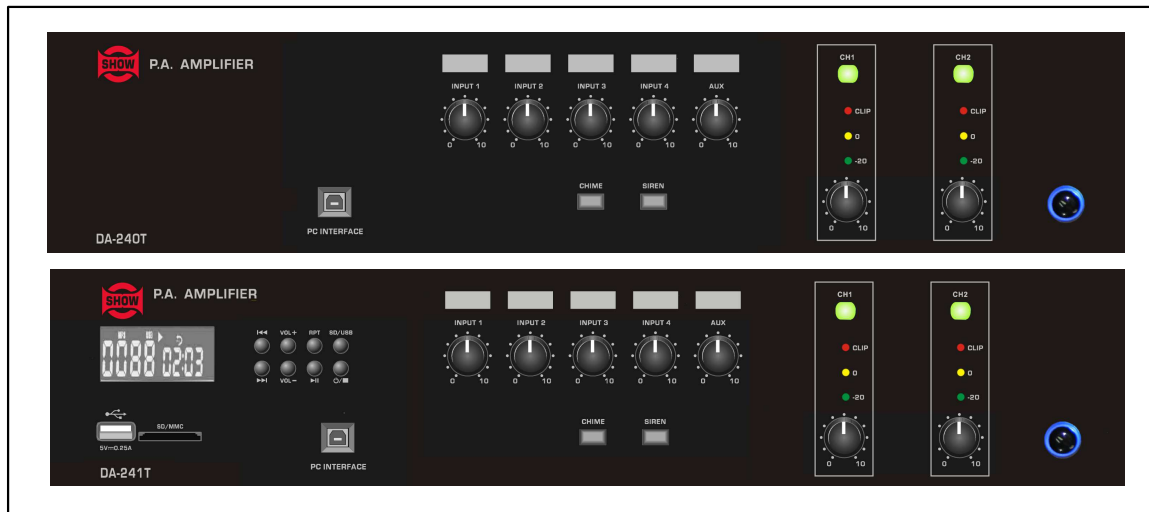# DA-240T / DA-241T

**Two Channel Output
Public Address Amplifiers**

Features

- 4 x Mic/Line Inputs, 2 x Aux Inputs
- 2 x 240 W / 70 -100 V Outputs
- MP3 player for DA-241T
- Siren & Chimes

- DSP functions
- RS-232
- USB interface for PC Editor
- Optional Dante Card

DA Series is an upgraded version of the most successful Public Address amplifiers from the brand. Now, these devices feature new Class-D power technology, DSP functions, software control and optional Dante networking in one single 2U rack package. It is a compact, easy, stand-alone and cost effective solution for paging and broadcasting music in bars, restaurants, shops, offices and small to medium size venues.

The DA-240T and DA-241T have the same characteristics; both models are differentiated by a built-in MP3 player for the DA-241T. 4 x Mic/Line inputs are available, plus 2 x Aux inputs for a stereo source, with volume knobs for immediate adjustment. Mute control for the priority Microphone, chimes and siren sounds can be set from the rear and front panels easily.

For optimized sound quality, DA Series feature a DSP engine where functions can be edited via a PC, including Gain, Parametric EQ, Delay, Compressor, Bandpass Filters, Crossover Filters, Routing and Effects. The optional Dante card offers networking facilities, especially for long distance audio transport and internet operability.

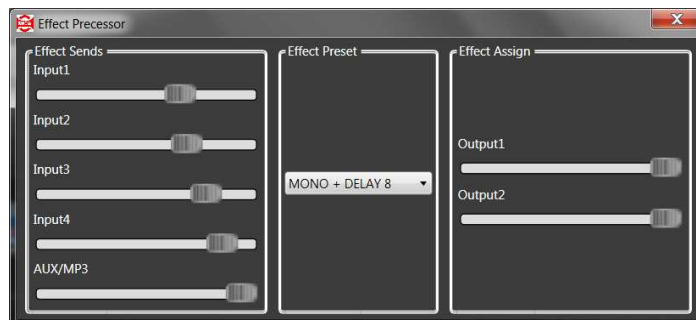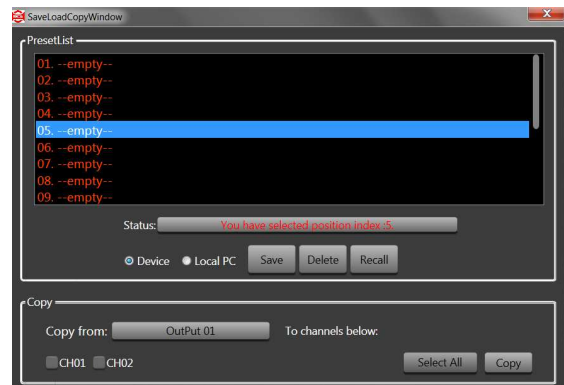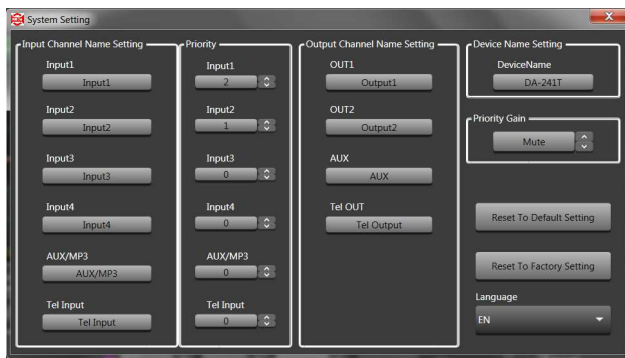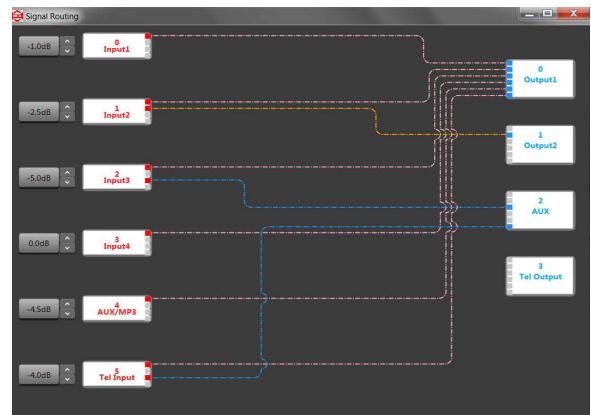A RS-232 port is available as well, for third party equipment remote function.
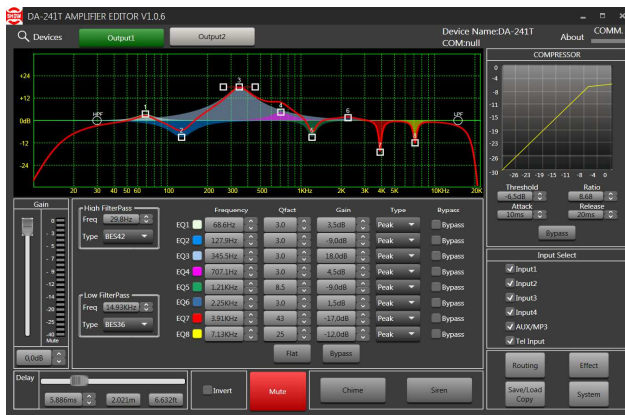
An additional control output 1 W into 8 Ω is available for monitoring and a telephone paging input can be used for outside priority message.
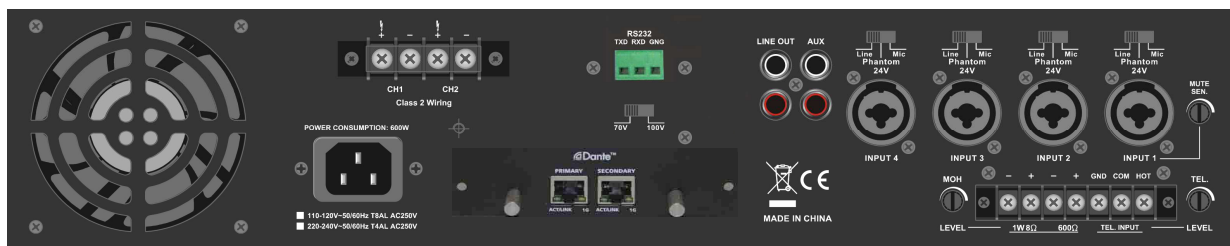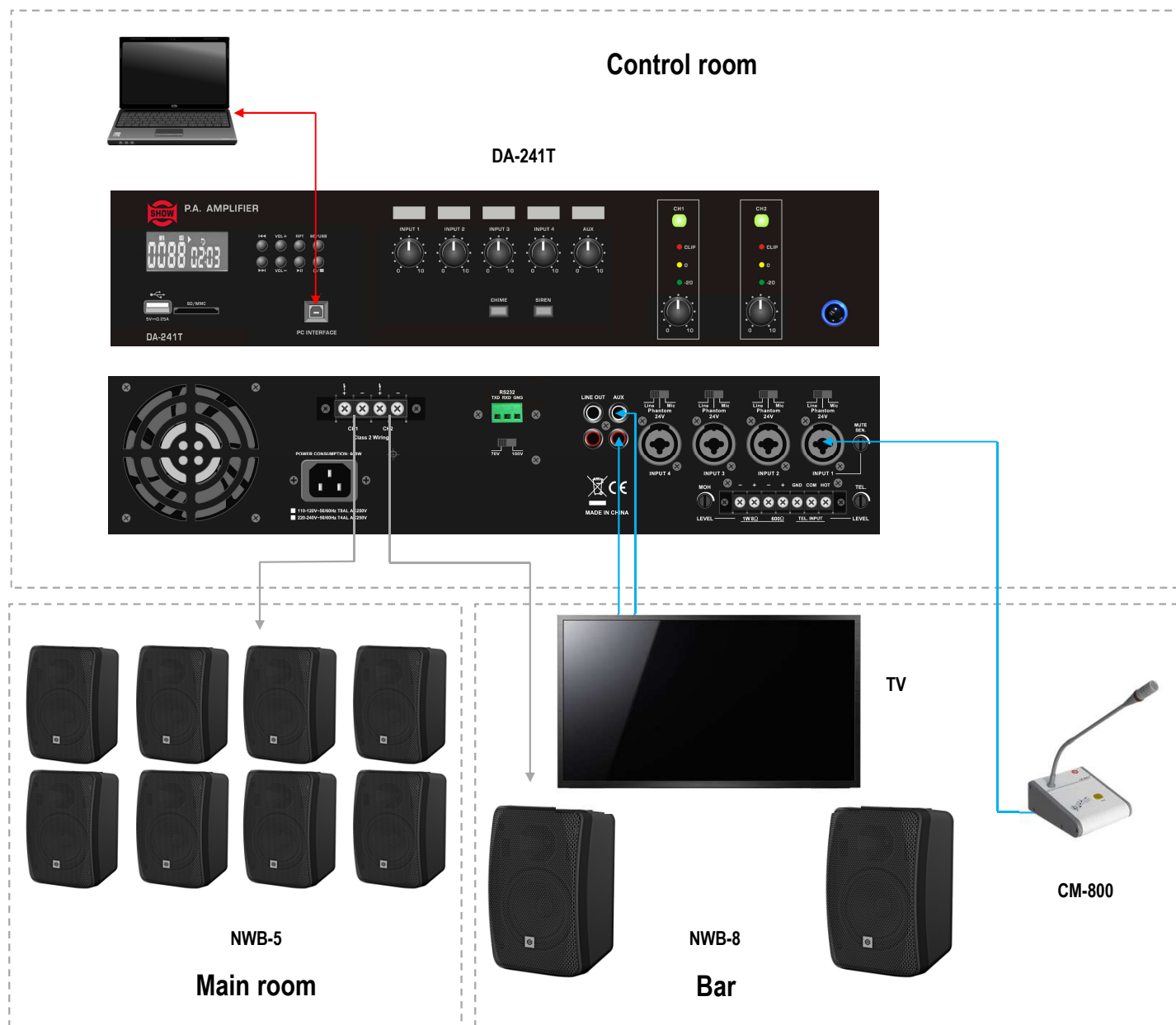
Specifications

DA-240T / DA-241T

Power Supply	AC 115/230V 50/60Hz
Power Output	DA-240T / DA-241T : RMS 240W x 2 (70V / 100V)
Input / Output	DA-240T : 4 x Mic/Line IN , 2 x Aux IN / 2 OUT DA-241T : 4 x Mic/Line IN , 2 x Aux IN (MP3 Player) / 2 OUT
Frequency Response	Mic: 80Hz-16kHz (+/-3dB) Aux: 50Hz-20kHz (+/-3dB)
Input Sensitivity (balanced @ 1kHz)	Mic (balanced): -50dBv +/-2dBv – 24V Phantom Power Line (balanced): -10dBv +/-2dBv Aux (unbalanced): -10dBv +/-2dBv
External Ports	USB Port for PC software control RS-232 Interface for third party software control
DSP Functions	Routing/ Crossover/ EQ/ Delay/ Compressor etc.
THD+N (1kHz/-3dBv)	< 0.1%
S/N Ration	Mic: > 60dB / AUX: > 70dB
CMRR (balanced @ 1kHz)	> 60dB
Crosstalk (1kHz)	> 60dB
Output	70V / 100V switchable
Line Out	1V+/-0.2V
MOH.	1W@8Ω / 1V@600Ω
TEL. Input	-10dBv=/-2dBv
Dimension (W x D x H)	434 x 353 x 88mm (17.1" x 13.9" x 3.47")
Weight (Approx.)	7kg (15.43 lbs)

Specifications subject to modification without notice

Editing Software

Rear panel

SEIKAKU TECHNICAL GROUP LIMITED

NO.1 LANE 17, SEC.2, HAN SHI WEST ROAD,TAICHUNG 40151 TAIWAN

Tel: +886-4-22313737 Fax: +886-4-22346757 www.seikaku.hk

2019 V.2

Control room

DA-241T

P.A. AMPLIFIER

INPUT 1   INPUT 2   INPUT 3   INPUT 4   AUX

CH1   CH2

CHIME   SIREN
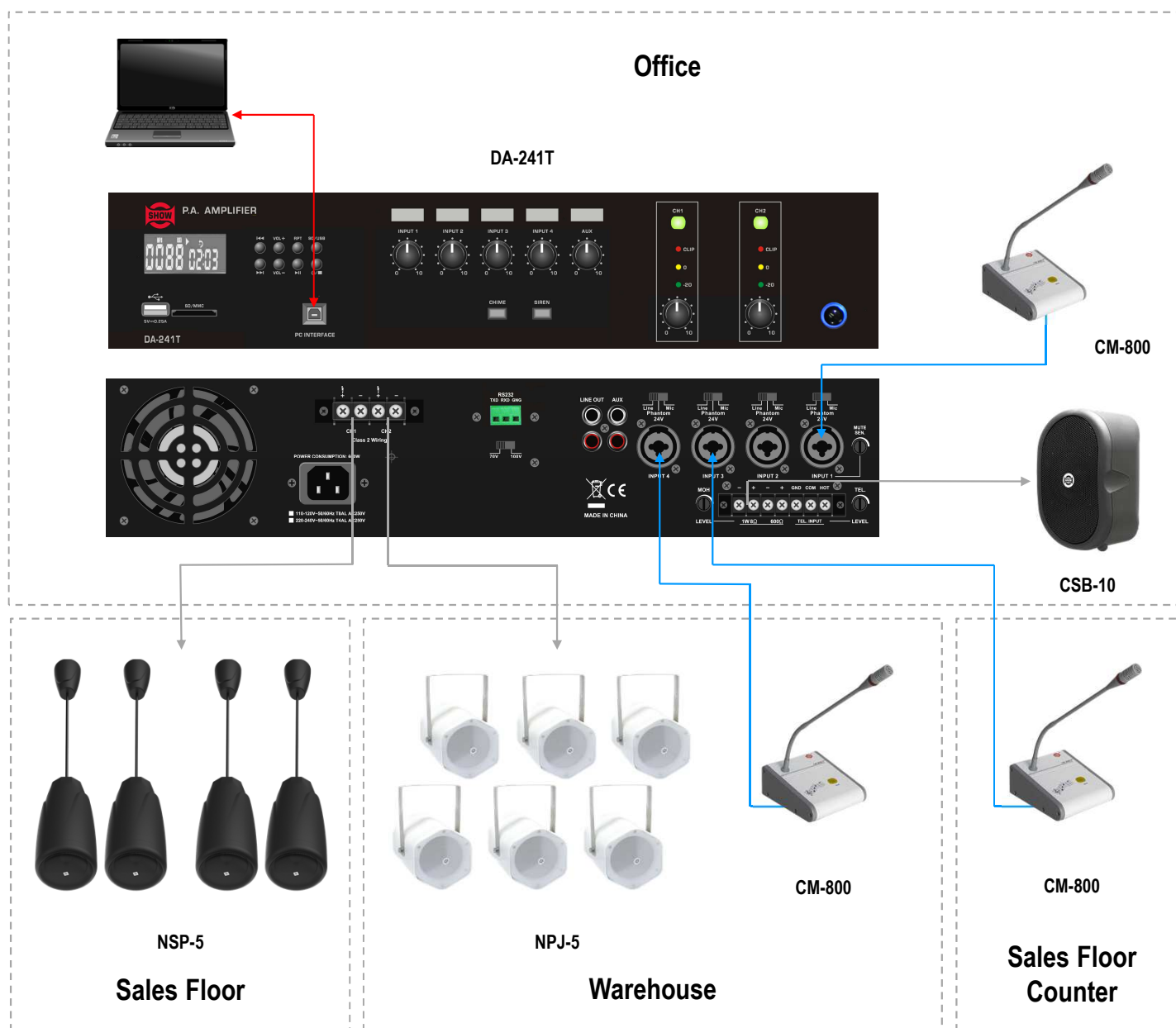
DA-241T   PC INTERFACE

Simple installation

This application is very easy to set up and it is suitable for many pub configurations.

Thanks to the 240 W built-in Class-D amplifier, there is no need for additional devices except speakers and mic.

The 2 zone volumes are individually adjusted from the control room, using knobs on the front panel device or controls on the PC Editor, each zone having its own EQ settings.

The routing setting is equivalent to a 6 x 2 matrix, so sources selected from built-in MP3 (DA-241T), Line In, Aux In or Dante optional card, can be routed to any output with easy control action from PC. So, different programs can be broadcast in different zones if necessary.

One paging microphone is used for message broadcast in one or both zones.

TV

NWB-5

Main room

NWB-8

Bar

CM-800

Office

DA-241T

DA-241T

CM-800

CSB-10

NSP-5

Sales Floor

NPJ-5

Warehouse

CM-800

CM-800

Sales Floor Counter

Simple installation

This application is very easy to set up and it is suitable for many supermarket configurations.

Thanks to the 240 W built-in Class-D amplifier, there is no need for additional devices except speakers and mics.

A total surface up to 1,200 m^2 can be covered with 48 pcs 5W /100 V speakers, split between stock and sales floor.

The 2 zone volumes are individually adjusted from the office, using knobs on the front panel device or controls on the PC Editor, each zone having its own EQ settings.

The routing setting is equivalent to a 6 x 2 matrix, so sources selected from built-in MP3 (DA-241T), Line In, Aux In or Dante optional card, can be routed to any output with easy control action from PC. So, different programs can be broadcast in different zones if necessary.

Three paging microphones with priority levels are used for message broadcast in any zone.

By connecting a small speaker to the 1W output it is possible to monitor all sound sources.