

# All Saints, Hérault

## New (2021) PA (microphone) System

- 1 The mains power lead for the amplifier is stored in the compartment on its top, next to the 'suitcase' type handle. Press down to open the compartment, press down again to close it. Take the power lead out before mounting the amplifier on its stand.
- 2 Extend the amplifier stand until the flimsy-looking leg supports are horizontal. Clamp using the clamping screw.



- 3 Slide the top of the stand out and insert the metal peg into the **third** hole from the top (there are some marks next to this) and tighten the clamping screw.



- 4 The amplifier must now be mounted onto its stand. There is a circular hole in the bottom of the amplifier which the stand fits into. The amplifier is quite heavy (16.5 kg) and we have found it easier to lay the amplifier down on its side (now is a good time to insert the microphone lead into CH2) and then insert the stand into the mounting hole, until the top hole in the stand is about 25 mm (1") from the amplifier bottom. Then raise the amplifier into position using two legs of the stand as support. Alternatively lift the amplifier onto the stand.

- 5 Erect the lectern (reading desk) microphone stand and insert the Shure microphone into the holder. There are two very similar microphones, please be sure to use the one **without** a switch for the lectern. Plug a long microphone lead (female end) into the microphone and the other end into CH2 on the amplifier (if that has not been done already). The microphone stand should be positioned so that the microphone head points directly towards the mouth of the person speaking and is about 20 cm (8") away. Position the stand so the microphone can be swivelled into a good position for the priest when standing at the altar. Please ensure the microphone lead is out of the way to avoid it being tripped over.
- 6 The microphone with the switch was intended to be used with the short desk stand. This is not normally needed now, but If there is a requirement to use it then assemble the stand and lead and plug into input CH3 on the amplifier. Set the level for CH3 to be the same as CH2.

- 7 Positioning of microphone and amplifier: the best positioning for the amplifier has been found to be on the opposite side of the room to the kitchen doorway, as close to the side wall as the stand will allow and in front of the microphone to avoid feedback. The reading desk and microphone are best on the kitchen door side of the altar to give maximum distance from the amplifier.
- 8 **Note for person with the music source.** Please do this next step with the amplifier turned off to avoid a horrible noise. Plug one end of the long thin jack lead into the amplifier socket marked 'AUX' and the other end into your music source, eg laptop computer, iPod, smartphone, tablet etc. Then turn the amplifier back on.
- 9 The numbers on the photograph on the next page are in a sensible order for connecting the amplifier and setting it up and are described below.
  - 1 Plug the thin jack lead from your music source into here.
  - 2 Make sure that this button is in, not out, for AUX input. This is not obvious because a little of the white part of the button still shows when 'in' is selected.
  - 3 Make sure that the volume setting for the AUX input is as shown, 3.5 on a scale of 0 to 10.
  - 4 Plug the male end of the long microphone lead from the lectern microphone into here, CH2. It will only go in one way and there is a latch to keep it in, released by pressing PUSH.
  - 5 The black button(s) under the microphone lead(s) should be IN, to select a low signal level microphone, which needs a lot of amplification. If the switch is OUT it would be suitable for louder signals such as headphone socket outputs from a computer or tablet. Check this button if the microphone is too quiet. Note that there is very little difference in position between the OUT and IN settings.
  - 6 Make sure that the LEVEL setting for the microphone input(s) is as shown on CH2, 6.5 on a scale of 0 to 10.
  - 7 If the radio microphone is to be used (normally only by Roger):

*Screw the antenna for the radio microphone into here. The thread is a fine one and so several turns are needed. Once screwed in the antenna can be angled, normally upright.*
  - 8 *Check that the wireless radio channel is channel 1. The two buttons under the display are used to change it if necessary.*
  - 9 *Check that the radio microphone receiver level is as shown, 9 on a scale of 0 to 15.*
- 10 Make sure that ECHO is turned off, ie at zero.
- 11 Set the low frequency equalizer at the mid-point.
- 12 Set the high frequency equalizer as shown, with some treble boost, to help reduce a nasty resonance from the microphone.
- 13 Set the master volume at maximum. This control affects all signals.



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**ROAD BUDDY 10**  
BATTERY POWERED BLUETOOTH LOUDSPEAKER  
WITH MIXER AND WIRELESS MICROPHONE



MP3 PLAYER

2

3



LEVEL

LEVEL

ECHO

POWER / LIMIT



MASTER

1

AUX

CH 1

PUSH

PUSH

10

11

13

12

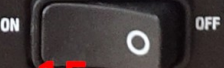


EQUALIZER

5



POWER



15

CHARGE

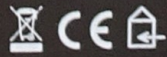


14



FUSE	VOLTAGE
T5 AL / 250V	100-120 V ~ 60Hz
T2.5 AL / 250V	200-240 V ~ 50Hz

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- 14 Plug the mains lead in if power is available. This type of power cord is notorious for coming loose, so check that it is pushed fully home. If you are in the temple at St Pargoire and there is no mains power, check that the power in the building is still on. The circuits there are very limited and can manage only two power-hungry appliances, eg the coffee urn and one kettle. The MCB trip to restore power is in the lavatory area above the sink.

If there is no power the amplifier can operate from its internal battery for some hours. If you choose to do this, remember to plug into a power source afterwards to recharge the battery.

- 15 Switch on.

- 10 The radio headset microphone will probably only be used by Roger now; but, if it is to be used, it takes two AA batteries and these do not last long, only two or three services.

There is a battery tester (see photo):

**please check the batteries before each use.** The battery compartment of the microphone unit is accessed at the bottom, with OPEN and CLOSED in black and rather difficult to see. The correct way up for the batteries is shown in a similar way on the side with the clip.



- 11 The microphone unit has a slide switch on the top to set the gain and this should be set to -10dB. Switch the unit on by pressing the POWER button for two seconds and turn it off in the same way. The ASC/POWER/LOW BATT LED should then show green; if it flashes red then the batteries need replacing. Roger wears a belt over his robes for the clip, so that he can easily put on or take off this radio microphone. He also switched the microphone off whenever not talking, particularly when singing, because it can be very loud.



Roger Smith & John Gifford

4 August 2024

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## PA (microphone) system final checks

- 1 Check that all rotary controls are set with their pointers matching the stick-on pointers.
- 2 Test that the microphone actually works by speaking into it quietly.
- 3 If the test is not successful, check that the amplifier's power switch (15) is on and that the push-buttons under the microphone inputs are IN.