

Equipment List for using the MP3 version of the Swift Calls

You can use Amazon UK to easily find and buy the equipment needed for MP3 Swift Call playing systems.

Total cost of all items should be less than £50, depending on exchange rates at time of purchase.

Assembly should be straightforward and should not require specialist knowledge but if in doubt consult a qualified electrician.

Amplifier and Power Supply sold by Amazon UK

Henry Sheuy / Cheng Sheng Mini Hi Fi USB MP3 SD Stereo Amplifier

Including Remote Control & Power Supply about £26.00

https://www.amazon.co.uk/gp/product/B00EEW5XAM/ref=oh_aui_detailpage_o01_s00?ie=UTF8&psc=1



Time Clock (plug in type) sold via Amazon under £6.00

https://www.amazon.co.uk/CostMad-Mechanical-Segmented-Adjustable-Programme/dp/B007PF5ZT4/ref=sr_1_5?ie=UTF8&qid=1471961746&sr=8-5&keywords=plug+in+time+clocks

CostMad or similar 24 hour Mains Wall Home Plug In Mechanical Segmented Time Clock Adjustable Programme with Manual Override 13A 240V for UK 3 Pin Plug – must fit compatibly with the power supply plug



"Tweeter" Loudspeakers

Vamery Pair 2-Way Car Audio Stereo Speakers 200W about £8.00



https://www.amazon.co.uk/gp/product/B01BV2NKUW/ref=oh_aui_detailpage_o00_s00?ie=UTF8&psc=1

Dispatched from and sold by [Olymstore EU](#).

- New and high-quality
- Built-in crossovers
- Maximun Music Power :200W
- Frequency Response :2500-25000Hz
- Dimensions: 1.9 x 5.8cm / 0.74 x 2.28" (H x D)

SD Card sold by Amazon about £6 for 2 cards (record calls on both and keep one as a spare)

Kingston SDHC Memory Card 4 GB Class 4 Twin Pack



Loudspeaker cable - polarity marked) Speaker Cable Wire sold by Manaz via Amazon - about £6 for 10 metres

https://www.amazon.co.uk/Loudspeaker-Cable-0-75-Red-Black/dp/B004SNHR8I/ref=sr_1_21?s=electronics&ie=UTF8&qid=1471962334&sr=1-21&keywords=loudspeaker+callback



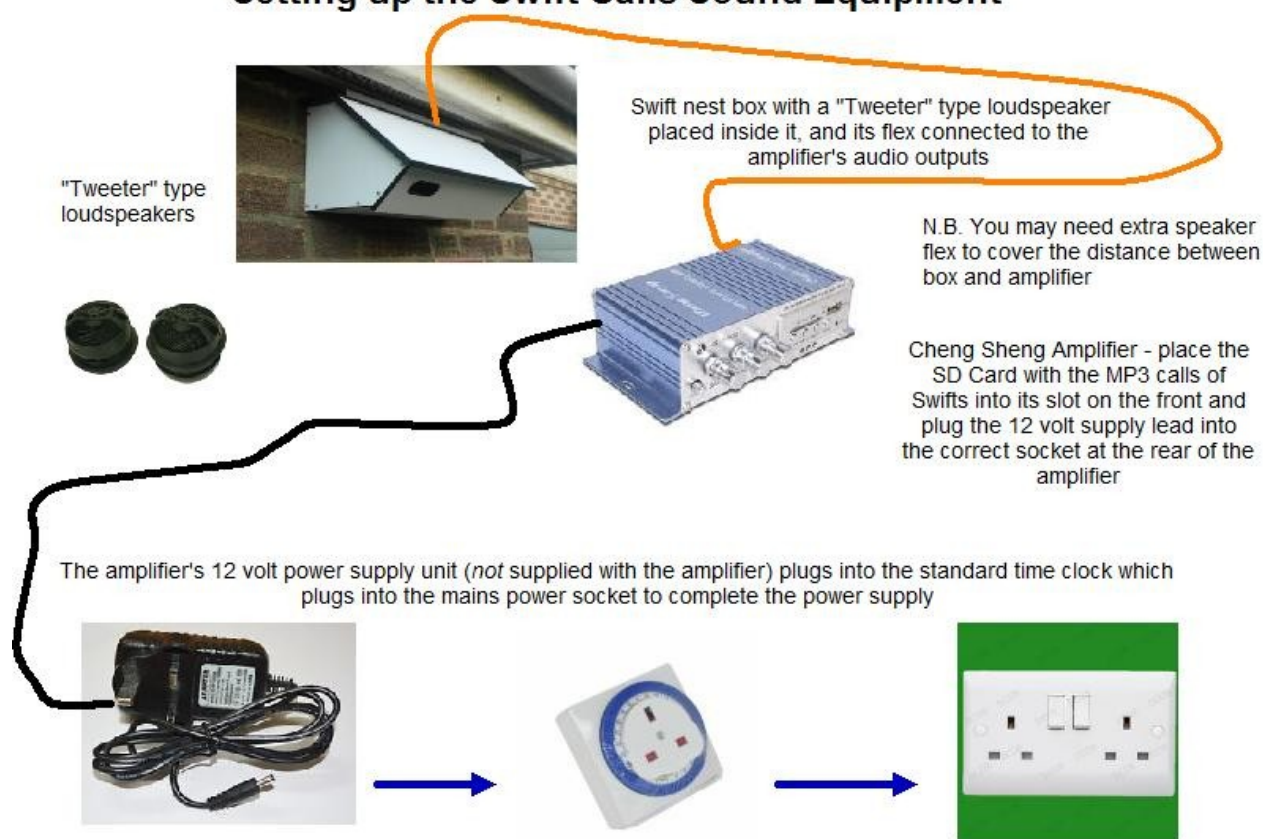
Cable Connectors - You will also need cable connectors to extend the speaker cables Cost: under £2 for a set like this from Amazon

3A BLOCK CONNECTOR STRIP for jointing cable

https://www.amazon.co.uk/BLOCK-CONNECTOR-STRIP-jointing-cable/dp/B003ZWE7HW/ref=sr_1_4?s=electronics&ie=UTF8&qid=1471961093&sr=1-4&keywords=cable+connectors



Setting up the Swift Calls Sound Equipment



How to set up the system: You will need a Cheng-Sheng amplifier, an SD card, a pair of small "tweeter" loudspeakers, a high-quality and robust 12 volt (1.5 amp minimum output) mains power adapter, a plug-in time clock, and some speaker cable and connectors. Tools: a hand drill, drill bits, and electrical and ordinary screwdrivers plus some mastic and a few screws. *N.B. The diagram above is just to show the connection route. All the equipment should be installed in well sheltered locations in dry and airy conditions. Only do this work if you are confident of your skills. Ensure you work safely at all times.*

- 1 Drill a small hole in the back or underside of a nestbox.
- 2 Pass the loudspeaker flex through the hole inside the nest box, pull it through and connect it to the amplifier's audio connectors. Do the same with the second loudspeaker and the second nest box if you are using these.
- 3 Secure the speaker in the nest box with the mastic, use mastic to fill the hole round the flex
- 4 Screw amplifier to suitable nearby dry and secure surface with easy to remove screws.
- 5 Check that the speaker wire is firmly clamped into the amplifier outlets.
- 6 Check that the SD card of Swift Calls is inserted fully into the slot in the front of the amplifier.
- 7 Plug the amplifier's mains supply unit into the time clock, checking also that the mains lead is firmly plugged into the rear of the amplifier.
- 9 Set the time clock to the correct time of day, and set the clock to play the calls as recommended and/or to your own requirements.
- 10 Plug time clock into the extension lead socket.
- 11 Plug extension lead plug into local mains power outlet and switch on power.
- 12 Switch on amplifier and adjust volume, over-riding the time clock if need be for this test by raising the time clock's side slider switch, then resetting it back to operate as timed, by sliding switch back down again.
- 13 Any problems - please consult manufacturer's instructions, first checking all connections.

www.swift-conservation.org