



Electronics - The fun starts here

KSBTS-AIO Bluetooth Speaker “All-In-One” Project kit

Key Features:

- Minimal “Soldering” Skills required
- Flexible power supply options.
 - o We offer 3 different regular (stocked) versions of this kit, for various Power Supply options.
- Proven reliable success rate for Students

Contents of the 3 various kits:

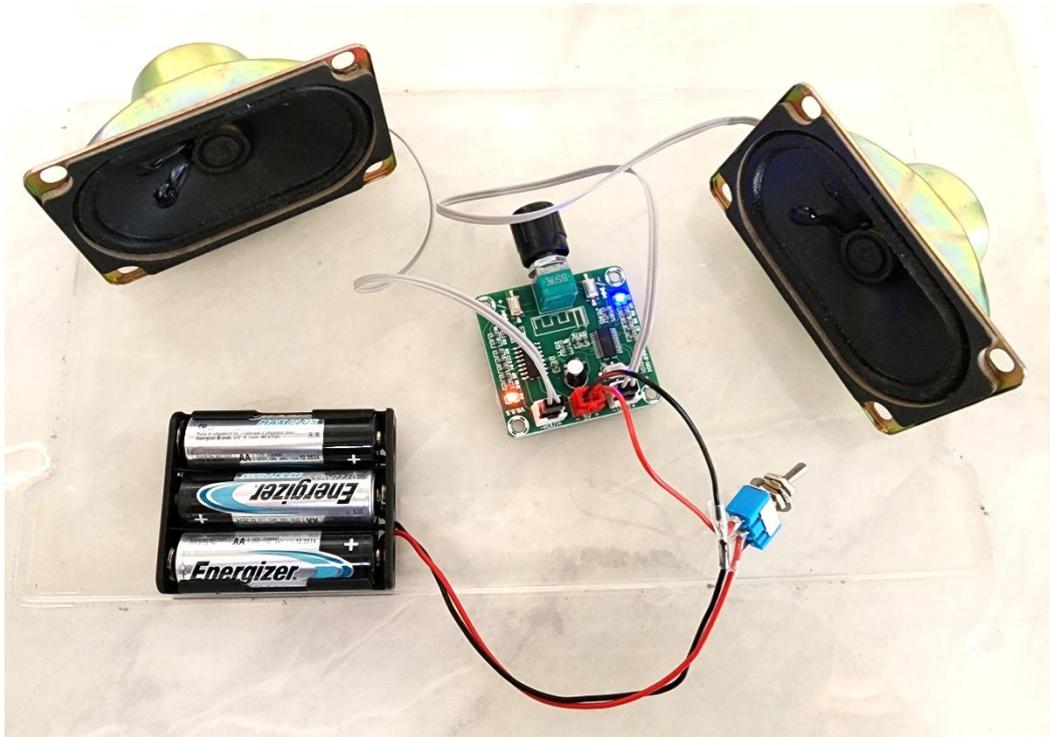
KSBTS-AIO (3xAA) Bill Of Materials		
last updated	15-Jun-24	
Part Number	Description	Qty
Battery Holder (3xAA) wires tinned - Alkaline Batteries	Battery Holder (3xAA)	1
ON/OFF Switch	Switch SPDT	1
Speaker 5W oval (50 X 90 mm)	Speaker 5W oval (50 X 90 mm)	2
KSBT-AIO	Bluetoothe Receiver and Amp	1
Cable - Red	Hook Up (Red) 150mm	1
Cable - Black	Hook Up (Black) 150mm	1
	Total Number of parts in bag	7
KSBTS-AIO (4xAA) Bill Of Materials		
last updated	15-Jun-24	
Part Number	Description	Qty
Battery Holder (4xAA) wires tinned - Alkaline Batteries	Battery Holder (4xAA)	1
ON/OFF Switch	Switch SPDT	1
Speaker 5W oval (50 X 90 mm)	Speaker 5W oval (50 X 90 mm)	2
KSBT-AIO	Bluetoothe Receiver and Amp	1
Cable - Red	Hook Up (Red) 150mm	1
Cable - Black	Hook Up (Black) 150mm	1
	Total Number of parts in bag	7
KSBTS-AIO (USB-C) Bill Of Materials		
last updated	15-Jun-24	
Part Number	Description	Qty
USB-C receptacle	USB Receptacle with wires tinned	1
ON/OFF Switch	Switch SPDT	1
Speaker 5W oval (50 X 90 mm)	Speaker 5W oval (50 X 90 mm)	2
KSBT-AIO	Bluetoothe Receiver and Amp	1
Cable - Red	Hook Up (Red) 150mm	1
Cable - Black	Hook Up (Black) 150mm	1
	Total Number of parts in bag	7

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Note: Kit does NOT include housing!



Demonstration of KSBTS-AIO (3XAA)

Teacher Resources:

- The following Teacher Resources are available Free of Charge to download from our website, or via Email if requested:
 - o Doc 1 KSBTS-AIO Overview for Teachers – Ver 2 .pdf (*this document*)
 - o Doc 2 Assembling KSBTS-AIO .pdf
 - o Doc 3 A self-paced guide to Wiring the ON-OFF switch .pdf
 - o Doc 4 iPhone Connection Guide .pdf
- For a YouTube tutorial video Construction guide (duration = 4:52) visit : <https://youtu.be/-CC7qULzgQw>

Optional Power Supplies:

- 4 choices of Power supply:
 - o 3 X AA battery holder for Alkaline Batteries (Delivered as Standard version)
 - o 4 X AA battery holder for rechargeable Batteries
(No cost to swap for the 3XAA holder if you ask at time of order placement).
 - o USB Receptacle (Type “C”)
 - o Using a 12V DC mains plug pack (Please contact us for extra details)
 - This needs an additional DC Power Inlet Socket (2.1mm) PLUS
 - 5 V DC Voltage Regulator Module
 - Additional Cost = \$7.50
 - PLEASE NOTE: Plug Pack is not supplied by us unless separately negotiated.