

HeyPhone Document History

Parts List

Description	Filename	Issue Date	Modifications
Parts List	heyphone-partslist.pdf	14 th May 2002	Issue 1
		14 th January 2003	Issue 2 – Q4 changed from BC441 to BC548, Alternative 2N5457 specified for Q3, loop antenna components finalised, hardware for fixing PCBs together added, TX heatsink added, hardware added, some tidying up and reorganisation.
		22 nd February 2003	Issue 3 – Q4 and Q5 corrected in cumulative section, new part specified for C60 (original is now obsolete).

PCB Layout Diagrams

Description	Filename	Issue Date	Modifications
Control Board	heyphone-pcb-ctrl.pdf	26 th April 2002	Issue 1
		12 th December 2002	Issue 2 – e/b/c shown on Q5, positions of wiring pins shown.
		28 th April 2004	Issue 3 – Component ID SW2b changed to SW2c and SW2c to SW2a.
Receiver Board	heyphone-pcb-rx.pdf	26 th April 2002	Issue 1
		12 th December 2002	Issue 2 – Positions of points I and Q corrected, wire to point Q now shown as orange, wires to points A and 9V shown as connecting to bottom of board, extra wire to point 0V removed, s/g/d shown on Q1 and Q2, positions of wiring pins shown.
		28 th April 2004	Issue 3 – Component ID SW2a changed to SW2b.

Transmitter Board	heyphone-pcb-tx.pdf	26 th April 2002	Issue 1
		12 th December 2002	Issue 2 – Position of link associated with point Q corrected, wires to points RL and GL now shown as connecting to bottom of board, wire to point Q now shown as orange, e/b/c shown on Q4, positions of wiring pins shown.

Schematics (Wiring Diagrams)

Description	Filename	Issue Date	Modifications
Control Board Schematic	heyphone-schematic-ctrl.pdf	26 th April 2002	Issue 1
		28 th April 2004	Issue 2 – Component ID SW2b changed to SW2c and SW2c to SW2a. Tag IDs added to SW2a and SW2c. Position labels on SW2a and SW2b changed to reflect panel wording.
Receiver Board Schematic	heyphone-schematic-rx.pdf	26 th April 2002	Issue 1
		27 th January 2003	Issue 2 – Wire to point Q now shown as orange.
		28 th April 2004	Issue 3 – Component ID SW2a changed to SW2b. Tag IDs added to SW1b and SW2b. Position labels added to SW1b and SW2b.
Transmitter Board Schematic	heyphone-schematic-tx.pdf	26 th April 2002	Issue 1
		27 th January 2003	Issue 2 – Inputs of U9d transposed, Q4 changed from BC441 to BC548. Wire to point Q now shown as orange.
		28 th April 2004	Issue 3 – Minor tidying
General Wiring Diagram	heyphone-schematic-gen.pdf	14 th April 2002	Issue 1
		2 nd January 2003	Issue 2 – Some wire colours corrected, connections to SW2 corrected, C62 & C63 added, tag IDs shown on switches
		28 th April 2004	Issue 3 – Tag ID for common of SW2a changed from B to A

External Component Wiring	heyphone-schematic-ext.pdf	26 th April 2002	Issue 1
		1 st December 2002	Issue 2 – Loop antenna finalised

Assembly Instructions

Description	Filename	Issue Date	Modifications
Assembly & Alignment Instructions	heyphone-assembly-and-alignment.pdf	14 th January 2003	Issue 1

Manuals

Description	Filename	Issue Date	Modifications
User Manual	heyphone-usermanual.pdf	14 th May 2002	Issue 1
		2 nd July 2002	Issue 2 – Foreword added by BCRC Communications Officer, Faults / Comments Reporting added as Appendix C
Technical Manual	Heyphone-techmanual.pdf	21 st May 2002	First draft issue