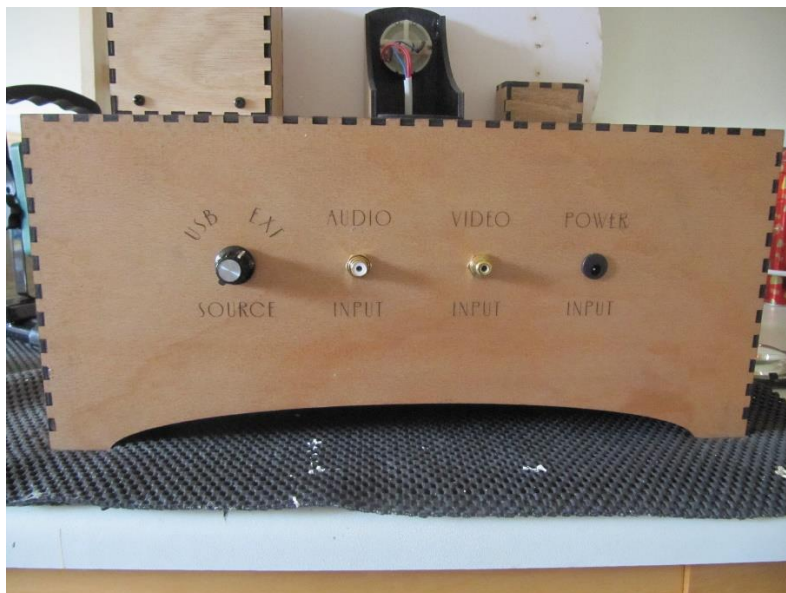


Chapter 3 Base unit

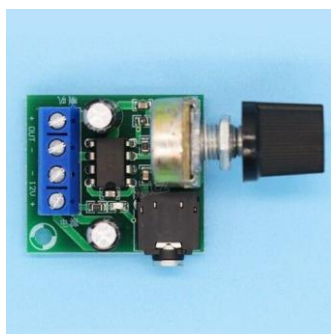
This assembly forms the main component of our televisor. Several versions of this design exist whether you choose to use either. For the authentic period appearance the player positioned on the side of the unit. Design files in either DFX, SVG and Lightburn formats can be obtained by club members via our [contact page](#) .

Please note these designs are for standard 3.6mm plywood if ordering locally from a laser cutting workshop. The designs cover the main unit, speaker felt and grill as well as fixtures including a shelf for mounting the control PCB.

To the rear of the unit you will need to fit a 'barrel' type dc connector to match your external 16-Volt power supply as well two insulated RCA (phono sockets) to accept external NBTV / Audio signal sources. The switch chosen for selecting the internal player or external source was of two pole six way wafer type switch. The switches movement is limited to four positions via an indexed ring around the spindle and to match the indexing with the switches position 1 was designated 'USB' whilst position 4 was 'external'.



To the front of the televisor there are three control potentiometers and associated control knobs and a small inexpensive audio power amplifier with integral panel mounted volume control potentiometer easily found on eBay. These holes may need 'opening out' depending upon the potentiometers obtained.





The player is obtainable from several sources including Amazon and eBay. Ensure you purchase the Bluetooth version and not the one with internal amplifiers This will allow you to play Inverted WAV NBTV audio files on your televisor stored either on a MicroSD card, USB thumb drive or externally through Bluetooth conductivity. The player comes with interconnection cables for power and audio signals as well as an infra-red remote-control unit.

Bluetooth 5.0 JQ-D022BT



Music Player



USB player



AUX audio input



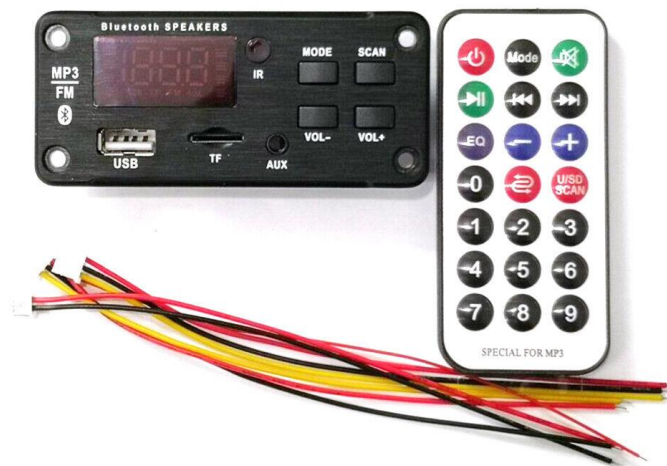
Bluetooth



FM radio



memory



By now some of you eagle eyed readers may have noticed no holes are drilled in the top of the unit other than the slot for a 12-inch disc, this allows for the constructor to adapt the unit for differing size discs and display viewing arrangements. At this stage carefully assemble all panel mounted components and drill though four M3 fixing holes for the player, no wiring need be carried out at this stage.