

## **DESCRIPTION**

A DC power supply of 12V/10A first introduce to this machine, after the power circuit regulate it to a DC5V voltage then access to MCU chip, this machine consequently turn into standby mode. Press the “ON” button to activate the machine, load the disk and press the mode switch to get into the DVD mode, at the same time, the MCU will control to produce voltages of 5V and 3.3V-1.8V to servo plane and introduce to the decode chip and its peripheral circuit, perform various function by controlling the keyboard of the panel and button of the touch screen. MCU will control to changing the functional parts to SD card or IPOD for display. Press the mode switch or press the for accessing to TV mode, and at the same time, the TV voltage will be controlled to open by MCU, and this voltage will be introduced to TV tuner for working power supply. Press the mode switch or press the for accessing to Bluetooth mode, and at the same time, the Bluetooth voltage will be controlled to open by MCU, and this voltage will be introduced to Bluetooth module for working power supply. The Video signals from various mode are accessed by the circuit of volume control and then transfer to power amplifier for amplify and then send to the loudspeaker. At the same time this machine can be off by control the the “OFF” button of the panel or switch off the ACC voltage directly for making this machine stay at memory status.