

AD SERIES

Electronic Solutions
Design & Manufacture



Marley – Client Brief

There are 2 types of unit, a 1000mm wide 5-in-one unit and a 660mm wide triple unit.

Both would take the same sized screen (12" or 13" screen) depending on the overall width of the screen. Both would need an attractor video without sound.

The 5-in-one unit would need 5 product buttons, where you press the button in front of a product and a song plays and video relevant to that product

The Triple would have 3 products.

How quickly you would be able to produce a prototype for each of the units.

Production quantities I will need are as follows;
1, 100, 250, 500 and 1000 units (of each size).

Note: 2 samples now ordered 12th Jan 2018 (one 3 way, one 5 way), requested delivery within 4 weeks (by 9th Feb)

AD Series Solution

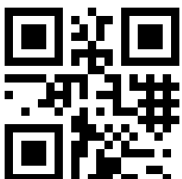
Hardware (per kit) :-

- 1 x 12.5" Android display with attractor video and separate product videos
- 1x MP3 player
- 1 x 3 way or 5way Audio switcher with audio keep awake.
- Multiple x illuminated SS buttons

Customer has provided 1 attractor + 6 product videos? 5 x wav files

Function:

- On power up a default video attractor loop and no audio will be played
- Each product to have a select button , when its pressed the respective video will play on the screen with audio being connected from the independent MP3 player to the selected product
- On no other action the play will return to default play (a) on timeout, say of 20 seconds. Or (B) on end of video (waiting on customer confirm)



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AD Series Solution – Continued

- If one product has been selected and is playing content and another product button is then pressed the video will change to the respective product but the audio will continue and be switched to the selected product.
- If one product has been selected and is playing content and its button is pressed again the mp3 audio will stop (what about the video ? to stop immediately?) if that or another button is pressed the Mp3 play will start again but from the next track
- 1 hidden button, this will switch the video sound on /off.
- If its on the video audio will play from the selected speaker (or a default speaker if non is selected) (the separate MP3 audio will be off).
- If its off the audio will be played to the selected product from the mp3 player. Timeout to silence.

Group play is nice to have but for now not necessary. Key is now to have a flawless working PCB with best quality audio output, without any noise and distortion.

Products will have audio keep awake function applied

Vol + and Vol – buttons will exist

