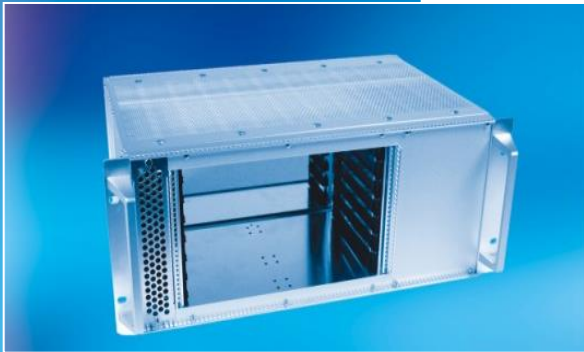


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Remote Audio PLUS Product Presentation

1 March 2013

Property of Elma Electronic Inc.

Remote Audio PLUS in Brief

Remote Audio PLUS is an IR controlled stepper motor driver kit for Elma's type 04 switches, typically used for volume controls (stepped attenuators) in high-end audio applications.

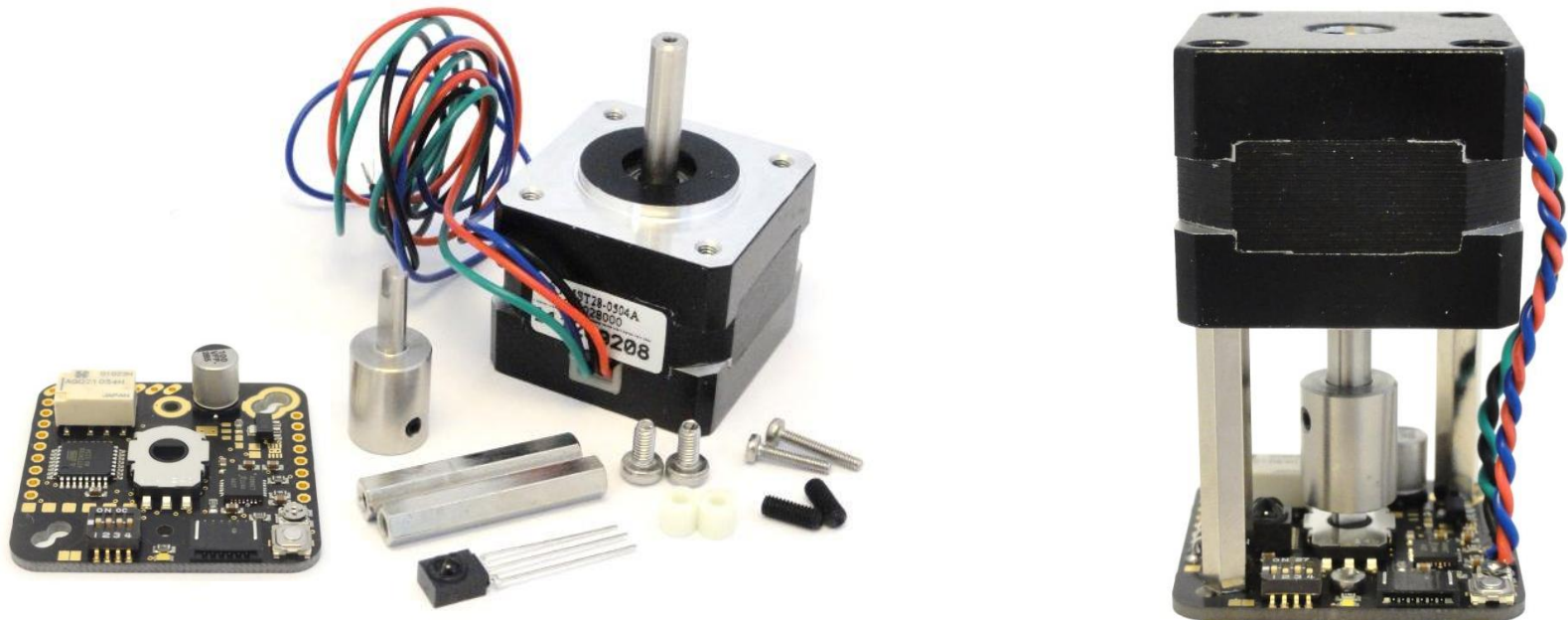
The product provides IR teach-in functionality for use with different remotes, and a mute relay. It is also adjustable to individual switch indexing resolutions, stepper motor resolutions, switching speeds and end stops. The power requirement is 12 VDC, 200 mA.

Remote Audio PLUS also offers customization like different motor options, switch adaptors, RF vs. IR control and individual control interfacing to host systems.



Assembling the Kit

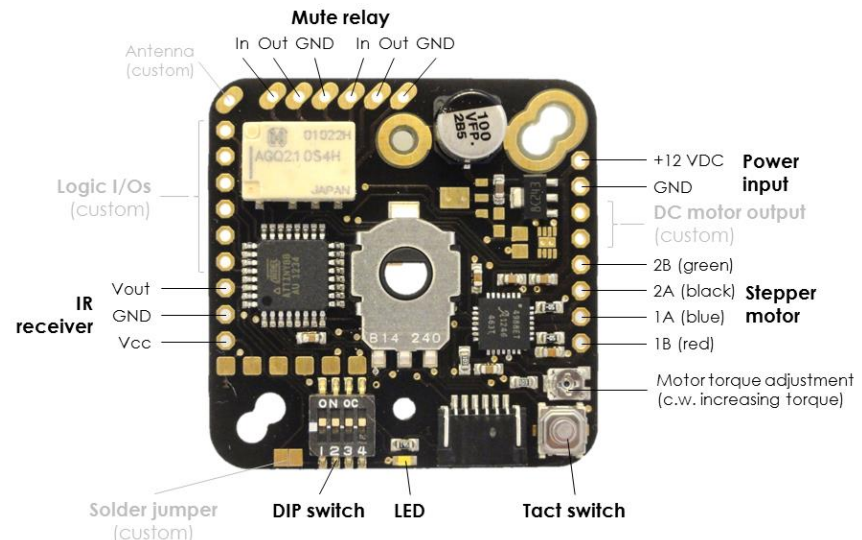
The Kit contains a stepper motor, a control module, a drive linkage, an IR receiver and all the assembly parts necessary including stand-offs and bolts. The 04 switch and the IR remote unit are not included and need to be ordered separately.



The Control Module

The control module provides PCB solder eyelets for interfacing to power supply, stepper motor, IR detector and audio (for mute function). For customization purposes, further solder contacts are available for DC motor interfacing, logic I/Os for host interfacing and antenna connection for RF control (optional RF receiver module on the rear side).

The max. motor torque (up to 6 Ncm) can be adjusted by the on-board trim-pot. A DIP switch, a tact switch and an LED are used for setup.



Markets & Applications



High-End Audio



Pro Audio



Availability

Samples

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Budgetary Pricing

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Lead times

Stock to approximately 6 weeks.



Thank You