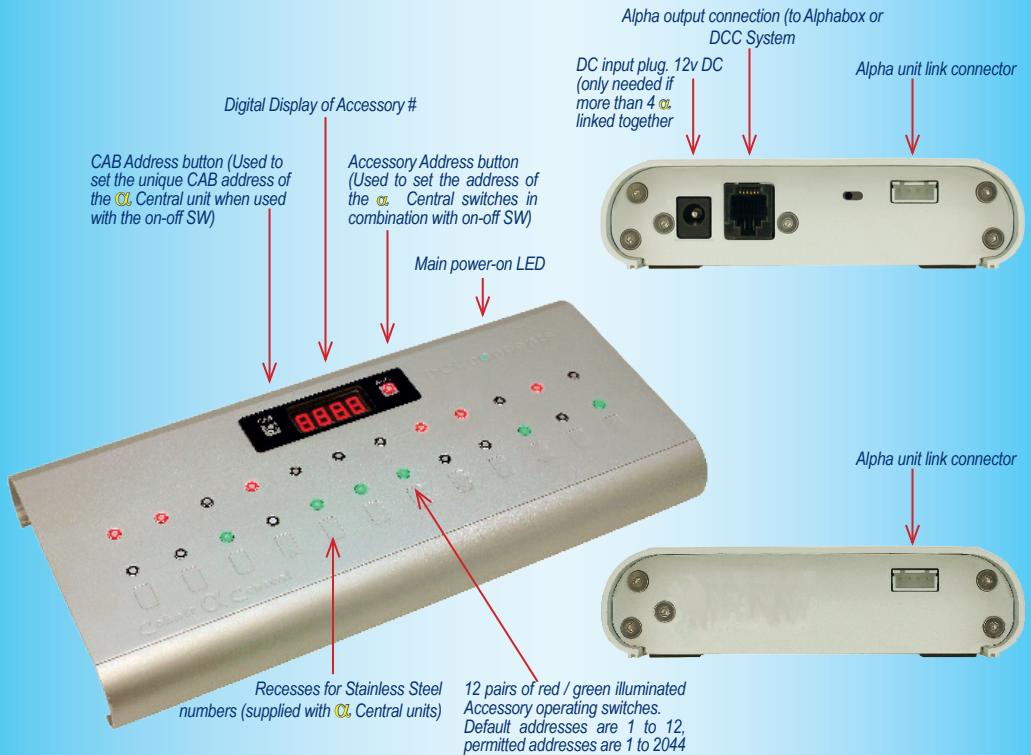


Cobalt α Alpha

- Cobalt α Central

LAYOUT
CONCEPTS

Cobalt α Central



Cobalt α Central - Smart, Intelligent and the easiest control panel ever!

If we were to reduce the manual to its basics, it would read "open box, connect and operate"... it really can be that easy to have a sophisticated control panel if Cobalt α Central is involved! Link it to an intelligent Cobalt α box 5A Intelligent power booster and ANY modeller, DC or DCC can have an active digital accessory power bus up and running in no time at all.

Each Cobalt α Central controls 12 sets of switches and they can be combined and linked to give you control of more than 2000 digitally controlled points (Turnouts) or other DCC-compatible digital accessories. The possibilities are endless in fact!

Used with "train-set level" starter sets to add accessory control or with full DCC systems to add a control panel, Cobalt α Central & Cobalt α Box bring sophisticated accessory control to all - with only 1 cable needed to connect the entire panel!

Cobalt α Box - Pack contents:

- 1x Cobalt α Central
- 1x 6-wire 6' ~ 1.75m RJ12 to RJ12 curly cord
- 1x "Alpha Link" cable for joining multiple Cobalt α Central units together
- 1x Instruction Manual

Cobalt α Central - You may also need the following items:

- Most DCC brands and DC modellers: Cobalt α Box, power supply for Cobalt α box.
- NCE PowerCab users can simply connect Cobalt α Central directly OR add the Cobalt α box to also increase output to 5 amps. NCE Power Pro users can just connect it to their system to add a 5 amp Accessory bus.



Alpha α Central looks complex, but it is very easy to set up and use.

Incorporating one Cobalt α Alpha control unit & the contents of two Alpha α Switch-D packs, Alpha α Central is the simplest way to create a professional control panel ever!

Page 4 will show you a full set of Alpha α Central features and related information. We have included initial connection, set-up and operating procedure here.

CONNECTION: Connect Alpha α Central to the ALPHA input of your Alpha α box using the RJ12 curly cord that we supply. (If you are an NCE user, you can just connect it directly to the NCE cab bus as both products use standard RS485 bus wiring conventions)

Setting the CAB bus number (Permitted range is 1 ~ 99): Alpha Central needs its own cab number as it is, in effect, the equivalent of a DCC handset. You can set it to any cab number within the allowable range for your DC system. Please make sure the number chosen is higher than the highest cab number already in use.

To do this, hold down the CAB button (see Image at right) as you turn your Alpha α Central unit on. TWO digits will now flash.

Use momentary presses of the CAB button to choose which digit will be changed. Use momentary presses of the ACC button to change the value of the number. When you reach the number chosen, hold down the CAB button until the display flashes "YES". The cab number is now set.

Setting multiple Alpha α Central unit CAB numbers: If you first link them together, then ALL units will be set simultaneously.

Setting the SWITCH numbers (Permitted range is 1 ~ 2044):

The default is always 1~12, however this can be changed at any time. Setting the first switch number will set ALL of the numbers in sequence and if multiple Alpha α Central units are connected, then ALL switches will be renumbered by setting switch 1 on unit 1.

To do this, hold down the ACC button (see Image at right) as you turn your Alpha α Central unit on. FOUR digits will now flash.

Use momentary presses of the CAB button to choose which digit will be changed. Use momentary presses of the ACC button to change the value of the number. When you reach the number chosen, hold down the CAB button until the display flashes "YES". The Switching addresses of all linked units are now set.

