Assembly, connection and maintenance of the device may only be executed by personnel trained accordingly. At this the underlying national and local regulations have to be observed.
The Cody Universal consists of a decoder and a control element. Both units are connected by a simple two-wire cable without a special plug. Programming of Universal's Cody via the keyboard using the mastercode. With the Cody Universal 1/2 & 1/3 you have the option to operate 2 or 3 gate drives or the like with just one control element.

**Mastercode:**
The mastercode is a 8 digit numeral code necessary for all programming procedures. Only after the input of this code the appliance can be programmed according to your specific needs. The Cody Universal is preset by the company with the mastercode 12345678.

**Pass code:**
The pass code is either a four or five digit numeral code, by which you operate your door drive unit. You have the possibility to store up to 50 different pass codes, which means that up to 50 persons with individual pass codes can open the door. If you are accompanied by another person when entering your pass code you can first press as many keys as you like before you finally enter your code. This ensures that no other person can notice your pass code. The Cody Universal is preset with the pass code 1234 on memory slot 00.

**Note: Optional Cody Universal Service Tool**
The Cody Universal Service Tool gives you the possibility to program your Cody Universal conveniently to your requirements. A LCD display shows you every programming step, including the # of a used memory slot, relays settings etc. It also allows you to delete transponders and RC transmitters directly by their used memory slot.

Ref. 500.STU0.00
ATTENTION!!!

After you have made yourself familiar with the functions of the appliance, please program your personal mastercode as well as a pass code with which you replace the pass code which is located on the memory place 00. Only by this your Cody Universal is protected against manipulation!

TIPTOMATIC:
Especially for garage doors the Cody Universal is designed with TIPTOMATIC timing. After entering a pass code and within a period of 60 seconds (adjustable) this function allows you to control the door with any key, except for the button, and without the need to enter the pass code once again. This function, however, can be interrupted prior to the expiration of the 60 seconds, by pressing the button.

Lock-out function:
If the lock-out function is activated, the Cody Universal automatically blocks any input for a set period after the input of a wrong pass code which is signalled with a (3 beeps) sound signal.

By choice, you can arrange that the lock-out time can be doubled after any wrong input until a correct pass- or mastercode is entered.

The end of the lock-out time is signalled by a long sound signal.

Factory settings (default settings):
- all memory slots erased (except 00)
- mastercode = sequence 1-8
- pass code 00 = sequence 1-4
- relay 1 active
- control mode = Tiptomatic
- Tiptomatic time = 60 sec.
- switching time = 1 sec.
- lock-out time = 20 sec.

General reset

Put DIP switch 4 to ON

Push reset button on the PCB > 5 sec.

Put DIP switch back to OFF

All factory settings are restored by the general reset!
Mounting instructions

Interior mounting of the logic:

1. Put the screw-driver into the gap of the enclosure front, push the screw-driver up and open the enclosure.
2. Remove the control PCB (which is force fitted to the inside of the enclosure).
3. Locate the screwed glands supplied (sealing nipple left side) in the enclosure and replace the PCB. (Please ensure PCB is firmly in position)
4. Bore the fastening holes and fix the enclosure bracket at the wall.
5. The wires for the keyboard ensure through the left cable entry (sealing nipple), the wires for the relay contact through the middle cable entry and the wires for the supply voltage ensure through the right cable entry. Ensure tight seating of sealing nipple and cable gland, otherwise the water-protection of the appliance cannot be assured.
6. According to connection diagram connect the wires to the corresponding terminals.

Program 2
Deleting of remote controls

Delete specific transmitter:

- Put DIP 4 to ON
- Set DIP of the relays used (1/2/3) to ON
- Press the button of the RC transmitter > 5 sec.
- LED flashes 2x long
- Put all DIP to OFF

The specific transmitter is now deleted!

Delete all transmitters of a single relay:

- Put DIP 4 to ON
- Set DIP of the relays used (1/2/3) to ON
- Press the reset button on the logic board > 5 sec.
- Put all DIP to OFF

The taught-in transmitters of the selected relays are now all deleted!

deba GmbH is released of its obligations regarding guarantee and product liability if – without prior permission - the unit has been modified, or if the installation is unproper or not in accordance with our instruction manual. The installer has to take care that the EMC-regulations are respected.
Program 1
Teach-in of remote controls

Make sure before the teach-in that the optional wireless module is plugged in firmly at the logic board.

1. Put DIP 4 to ON
2. Put DIP of the relay used (1/2/3) to ON
3. Press the desired button on the remote control
4. LED flashes 1x long
5. Put all DIP to OFF

The transmitter is programmed to the desired relay!

Supply voltage: 20-28V AC/DC, 230-240 V AC
Output: 250V AC 5A
Connections: 1.5 mm² max.
Ambient temperature: -20 °C to +60 °C

Assembly versions - potential free contacts

Cody Universal 1 / 1 = X6
Cody Universal 1 / 2 = X6 + X7
Cody Universal 1 / 3 = X6 + X7 + X8

Transponder

This product complies with:
EC Electromagnetic Compatibility Directives
EN 61000-6-1 08/2002
EN 61000-6-3 08/2002
Low Voltage Directive 2006/42/EC
Before programming your Cody Universal with your personal codes, please check the faultless function of the appliance with the help of the factory’s pass code 1234 and the button. Usually, any programming is made via your personal mastercode. In order to get familiar with that kind of programming, you start with the input of a new pass code, which replaces the one preset by the factory (1234). The procedure is explained under item “Program 2”. After that please change the factory set mastercode to your personal code of choice.

Attention / Note
In case you made a mistake on programming, you can start over again by pushing of the button.

Program 1
Input of a new mastercode

Factory setting = 1-8

Enter 8 digit mastercode
Push button
Sound signal 2x long
Push button

Enter 8 digit NEW mastercode
Push button
Sound signal 1x long

The new mastercode is now saved!

Program 2
Deleting transponder keys

Delete specific keys:
Put DIP of the taught-in key to ON
Put the desired key to the reader
LED flashes 2x long
Set all DIP to OFF

The individual transponder key is now deleted!

Delete all transponder keys of an individual relay or block:
Put DIP of the specific block or relay (1/2/3) to ON
Press reset button on the logic board > 5 sec
Set all DIP to OFF

All keys of this specific relay or block are now deleted!
Program 1
Teach-in of transponder keys

Put DIP of the desired relay or block *(1/2/3) to ON
Put the desired key to the reader
LED flashes 1x long
Set all DIP to OFF

The transponder key is programmed to the desired relay or block!

*Note:
Cody Universal 1/1
The keys are distributed among three blocks of 255 keys per color. The blocks correspond to the first 3 DIP switches.

Cody Universal 1/2, Cody Universal 1/3
Here the blocks are allocated to the relay i.e. 255 keys per relay, DIP 1 = relay 1, etc.

If more than one key (of the same color only!) is taught-in, the DIP can remain in the ON position. The successful teach-in of every key is confirmed by the illumination of the reader’s LED. After the last key has been taught-in, the DIP switch is reset to its initial position (OFF).

ATTENTION:
It is not possible to teach-in keys of different colors in one and the same block!
The reader should not be mounted directly on metal. Then use a spacer case (No. 508.000G.00).

Program 2
Creating a new pass code
Factory setting = 1-4

Enter 8 digit mastercode
push button
sound signal 2x long
push button
Enter 2 digit memory slot, e.g. 07 or 28

Enter 4 or 5 digit pass code
push button
sound signal 1x long

Only for Cody Universal 1/2 or 1/3
Set relay output to #
push button

The new pass code is now saved!

The entered pass code is now stored in the selected memory slot and connected to the specified output!

You can enter up to 50 different pass codes on the memories 00-49!
Program 3
Deleting a pass code

Enter 8 digit master code → push button → sound signal 2x long → push button → Enter of 2 digit memory slot, e.g. 07 or 28

A correct code is detected; the corresponding relay is switched!

The selected memory slot of the pass code is now deleted!

Before the actual pass code, you can press any other keys to prevent fraud.

If an incorrect pass code is entered, you will hear a sound signal (3 beeps). Entering a new pass code is only possible after the lock-out period (factory: 20 sec.) which end is signalled by a long sound signal.

Program 8
Entering a pass code

Enter 4 or 5 digit pass code → push button → sound signal 1x long

Enter 8 digit master code → push button → sound signal 1x long
Program 7
Entering the control mode

Enter 8 digit mastercode

push button

sound signal 2x long

push button

* control mode:

Button = Pulse mode (switching time factory 1 sec.)

Switch = Toggle mode (1st signal: relay switches, 2nd signal: relay switches off)

Tiptomatic = within the set Tiptomatic time (factory 60 sec.)
the relay can be switched again by pressing any key (except \(\text{\(\bullet\)}\)),
without entering the pass code again

The control mode is changed!

The Tiptomatic function is disabled once the control mode button or switch is selected.

Program 4
Changing the control time - switching time

Enter 8 digit mastercode

push button

sound signal 2x long

push button

Enter 3 digit time 001-255

Identical switching time for all relays

push button

= relays 1

= relays 2

= relays 3

sound signal 1x long

The switching time is allocated to the relay accordingly!
Program 5
Changing the control time - Tiptomatic-time

Enter 8 digit mastercode → push button → sound signal 2x long → push button → push button

Enter 3 digit time 001-255 → push button → sound signal 1x long

The modified Tiptomatic time is saved!
This set time is the same for all relays (factory 60 sec.).

Program 6
Changing the control time - lock-out time

Enter 8 digit mastercode → push button → sound signal 2x long

Enter 3 digit time 001-255 → push button = dynamic

Enter 3 digit time 001-255 → push button = static

The modified lock-out time is saved!

*Lock-out time:
dynamic = The lock-out time is extended by 10 sec. with every wrong entry (max. 255 sec.)
static = The lock-out time is always the set time (000 = turned off)