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 2 consists of a decoder and a control element. The units are connected by a simple two-wire cable without a special plug. Programming of the Cody Universal 2 is possible with the keypad and the master code. The Cody Universal 2 gives you the possibility of direct control of a tubular motor or similar equipment. After entering a valid pass code, the user can use the arrow keys UP ▲ and DOWN ▼ to drive a motor in dead man. The two relays are electrically interlocked, so it is not possible that both relays are activated simultaneously.

Mastercode:
The mastercode is an 8 digit numeral code necessary for all programming procedures. Only after the input of this code the appliance can be programmed according to your personal needs. Cody Universal 2 is preset by the company with the master code 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 different 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 2 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 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 2 is protected against manipulation!

TIPTOMATIC:
The Cody Universal 2 has two potential free relay outputs enabling direct control of a tubular drive or an industrial door drive unit or similar instruments. After having entered a valid pass code the user can, within a period of 60 seconds, trigger the installed drive unit in the dead man’s mode with the arrow keys UP ▲ and DOWN ▼. The relay is activated only as long as the arrow keys are pushed. The two relays are interlocked against each other, so it is not possible that both relays can be switched at the same time. After expiration of the 60 seconds the Cody Universal 2 locks automatically. 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 3 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. You can freely program the lock-out time according to your requirements. The end of the lock-out time is signalled by a long sound signal.
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:

Transponder

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

Delete all transponder keys of an individual 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

The individual transponder key is now deleted!

All keys of this specific 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**

ON

ON

The transponder key is programmed to the desired block!

* Note:
  Cody Universal 2
  The keys are distributed among three blocks with each 255 keys of one color. The blocks correspond to the first 3 DIP switches.

ATTENTION:
It is not possible to teach-in key 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).
Please read first - then do the programming!!!

Before programming your Cody Universal 2 with your personal codes, please check the faultless function of the appliance with the help of the factory's pass code 1234 and the Keypad 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.

Program 1
Input of a new mastercode
Factory setting = 1-8

Enter 8 digit mastercode

| push | Sound signal 2x long |
| Keypad button | 1 button |

The new mastercode is now saved!

Program 6
Entering a pass code

Enter 4 or 5 digit pass code

| push | sound signal 1x long |
| Keypad button |

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

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.

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

Program 5
Changing the control time - lock-out time

Enter 8 digit mastercode
push button

Enter 3 digit time 001-255
push button

= dynamic*

= static*

sound signal 1x long

sound signal 1x long

*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 according the set time (000 = turned off)

The modified lock-out time is saved!

Program 2
Creating a new pass code

Factory setting = 1-4

Enter 8 digit mastercode
push button

Enter 2 digit memory slot, e.g. 07 or 28
push button

Enter 4 or 5 digit pass code
push button

sound signal 1x long

The new pass code is now saved!

You can enter up to 50 different pass 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

Push button → sound signal 1x long

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

Program 4
Changing the control time / Tiptomatic time

Enter 8 digit master code → push button → sound signal 2x long → 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.).