

Gewa Control Medi Multi

SE: IR/Radio-sändare

GB: IR/Radio transmitter

Art.no 429200



ABILIA

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1. Introduction

The Gewa Control Medi Multi is a programmable IR transmitter, which replaces ordinary remote controls for TV, DVD, stereo etc. It has in all 28 different programming positions on four levels. Simply press the buttons to send signals, and change level by pressing the *Level* button. You can also connect an external control switch that can directly control one button on the transmitter.

The Control Medi Multi has a built-in scanning option for people that cannot press the buttons directly.

It also has a built-in GewaRadio transmitter (GR) and can be programmed to work together with Gewa Andromeda IR/Radio receivers.

The Control Medi is a part of the “GewaLink system” and therefore can be used together with all of these products.

1.1 News and improvements

The Gewa Control Medi transmitter is a further development of previous Gewa IR transmitters. The Control Medi is a new design with an improved transmission range.

The Control Medi is available in three different models. The most advanced feature has eight buttons and four levels giving a total of 28 programmable positions. It also has the possibility to send radio (GewaRadio), and a built-in scanning option for people that cannot press the buttons directly. The simplest model has 4 or 2 buttons (two different keyguards).

When you press a button, confirmation is given as vibration, sound and light.

The Gewa Control Medi is available in the following variants:

Art.no	Name	Description
429200	Control Medi Multi	IR/radio transmitter with scanning, 8 buttons
429220	Control Medi Standard	IR transmitter, 8 buttons
429240	Control Medi Easy	IR transmitter, 2/4 buttons (two different keyguards)

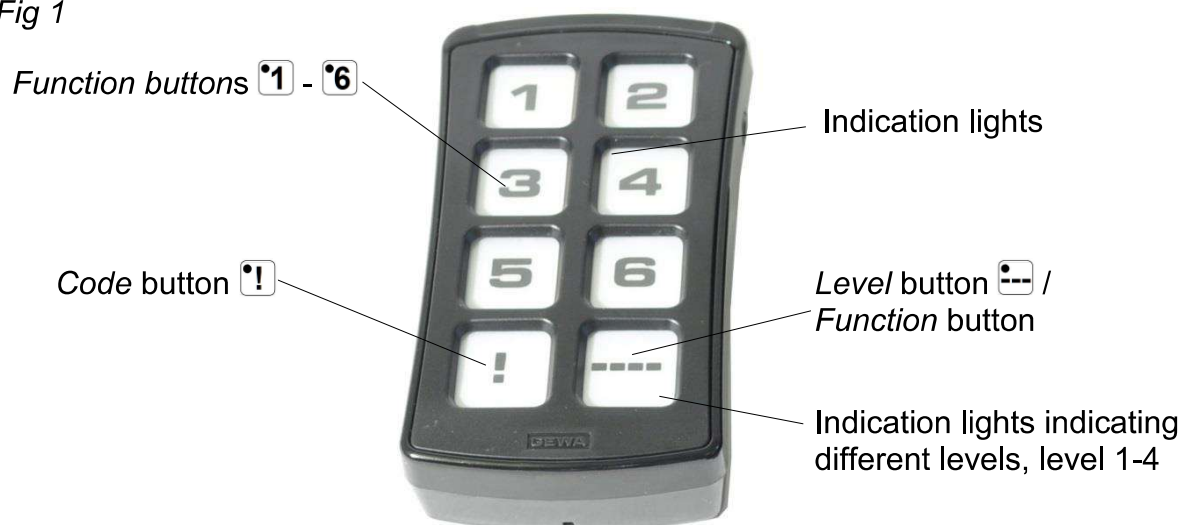
1.2 General information about Control Medi

To be able to use your Control Medi there are certain things that you should know:

- The Control Medi is delivered preset with GewaLink channels, meaning that it is possible to use the transmitter immediately after the batteries has been inserted. See section *Inserting Batteries*.
- To enter the programming mode, press first the *Level* button and then **simultaneously** one of the *Function* buttons for 2 seconds (2 seconds applies from version 1.0.6 or serial no: 800402). Different *Function* buttons are chosen depending on what is to be programmed.
- If you press the wrong button or make a mistake when programming you can always press the *Level* button for two seconds. It works as a *Reset* button.
- It is important not to wait too long between the different steps when programming. After a certain time your Control Medi automatically leaves the programming mode to save power.
- If a button on your Control Medi or control switch is pressed for more than 1 minute, your Control Medi will stop transmitting to save power.
- The settings can be protected by using the Settings Lock.
- You can only change the settings of levels that are unlocked.

This picture shows the various terms and functions which are described in the text.

Fig 1



1.3 Symbols

The following symbols appear in the text throughout this manual:

	and		Any button on your Control Medi
			Any button on another transmitter to be programmed
			Buttons 1-6
			Code button
			Level button
			Level button held pressed for approximately 2 seconds
			Level button and button 1 held pressed for approximately 2 seconds

1.4 Inserting Batteries

Unscrew the battery lid screws on the back of your Control Medi using a screwdriver and insert three AAA batteries (alkaline LR03 1.5 V). Insert the batteries according to the guidelines at the bottom of the battery compartment. Pay attention to the polarity! It is important to use long life **alkaline** batteries that are protected against leaking battery acid.

1.5 Battery Warning Indicator

Control Medi has a built-in indicator to warn you of low battery voltage. You will hear a sound alert  with one long beep and three short beeps played twice. This occurs about 10 seconds after the transmitter was last used. Replace the batteries as soon as possible.



2. Settings

Below is described how to program your Control Medi for different setting options.

To enter the programming mode, you should first press the *Level* button  and then simultaneously press the button  for 2 seconds for your desired setting option (see below). When you release the buttons a “Setting” alert is heard, and the indication lamp on the button for the setting option flashes. An “Error” alert will sound if you select an invalid setting option.

Press simultaneously	Setting option
 +  2 sec	Function
 +  2 sec	System
 +  2 sec	Reset
 +  2 sec	Scanning
 +  2 sec	Zwave

This is followed by different button presses depending on what is to be set, see the separate descriptions below.

It is important not to wait too long between the different steps when programming. After a certain time your Control Medi automatically leaves the programming mode to save power.

If your programming is successful, a “Success” alert will sound. If something has gone wrong or takes too long, an “Error” alert will sound.

2.1 Alerts when programming

Whilst you are programming, your Control Medi gives feedback with flashes and different alerts:

“Setting” -  (three increasing tones).

“Success” -  (three positive tones).

“Error” -  (eight negative tones).

2.2 Cancel Programming

To cancel the programming, you can press the *Level/* button  and keep it pressed for two seconds. It works as a *Reset* button.

2.3 Levels in Control Medi Multi

Your Control Medi Multi has totally four levels with seven programmable buttons. On delivery the buttons are factory-programmed with GewaLink channels 16-39 on level 1-4, see *Table 1*. You can freely use one, several or all four levels. Four indication lights indicate the current level (see *Fig 1*).

Your Control Medi Multi is delivered with only level 1 open, other levels are closed. To open further levels, see section *Opening/closing a Level*.

When only one level is open, the *Level/* button  automatically contains one channel which is always the first channel on the next level. In this way, it is possible to control eight functions even if only one level is open. See ¹ in *Table 1*.

When several levels are active you can change to another level by pressing the *Level/* button . Each time you press the button the next level is chosen.

Table 1: Default setting Gewa Link channels

Table 1 shows the channels and codes for your Control Medi Multi on delivery.

GewaLink channels position				
Button on Control Medi Multi	Level 1-4 (red indicator)			
	1	2	3	4
	16	22	28	34
	17	23	29	35
	18	24	30	36
	19	25	31	37
	20	26	32	38
	21	27	33	39
 ²	code	code	code	code
 ¹	22	28	34	16

¹ If only one level is open the *Level/* button automatically becomes one channel. It is the first channel on the next level.

² Same code on all levels.

NOTE! The table above shows GewaLink channels on delivery. It is possible to select another set of GewaLink channels, see section *Setting the channel range*.

2.4 Locking/Unlocking the Settings Lock

In order to protect the programmed settings in your Control Medi, Settings Lock can be activated.

When the Setting Lock is enabled, the settings are protected. If you try to change the settings without first unlocking, the “Error” alert is given.

Do as follows to lock/unlock the Settings Lock:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Press  to unlock the Settings Lock, or  to lock.
4. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Locking/Unlocking the Settings Lock

Press  +  2 sec, , then press your desired option  or .

 = Unlock.  = Lock.

Default setting: Unlocked

2.5 Opening/Closing a Level

Your Control Medi has four different levels, which means that each button can have four different functions. You can select the number of levels that are open and hence, how many functions each button should have. You should close levels that are not to be used.

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press . The indicator light for the current level glows.
3. Select the level to be opened or closed by pressing .
4. Press  to close the selected level or  to open the selected level.
The indicator light for the levels automatically moves to the next level, which then directly can be opened or closed.
5. Finish by pressing  for 2 seconds.
6. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Opening/Closing a Level

Press  +  2 sec, , choose level with , then press the desired option  or , then  2 sec.

 = Close.  = Open.

Default setting: Level 1 open

2.6 Recording IR Channels from another Transmitter

Make sure the batteries in both transmitters are fully charged. Do not use the transmitters in intense light (e.g., sunlight) when programming.

Place the two transmitters on a table with the original transmitter directed towards the rear of your Control Medi, see picture.

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Choose the level where the channels are to be recorded with .
4. Press the button  where the channel is to be recorded. The indicator light for the selected button glows steadily and the “Press” alert sounds.
5. Press and hold the corresponding button  on the original transmitter pressed. Release the button when the indicator light for the selected button goes off and the “Release” alert sounds. This may take up to 10 seconds. If the indicator light glows again and the “Press” alert sounds, you should press the button one or more times until the “Success” alert sounds.

If the “Error” alert sounds, the recording has failed. Try again from step 4.

6. If the recording of the first button was successful, repeat steps 4 and 5 until all buttons are programmed.
7. Finish by pressing  for 2 seconds.
8. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.
9. Now test your recorded functions on the device that is to be controlled.
10. recorded functions on the device that is to be controlled.



Original transmitter

Recording IR Channels

Press  +  2 sec, , choose the level with , select button , select button , then continue or finish with  2 sec

Important! When just **one level** is used, the *Level* button automatically becomes the next levels first button, see *Table 1*. It means that it is possible to record an IR channel on the *Level* button, but only when just one level is being used.

2.7 Adding a GewaLink channel

Your Control Medi Multi comes with GewaLink channels 16-39 (see Table 1). If you want to use an other GewaLink channel on a certain button, you can insert a chosen GewaLink channel like this:

1. First press and then simultaneously press for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press and then press . The indicator light for the current level flashes.
3. Select the level where the GewaLink channel should be added with .
4. Select the button where the GewaLink channel is to be saved.
5. Select your **Channel range**, = GewaLink 00-63. = GewaLink 64-127.
6. Select your **Channel group** according to *Table 2* below.
7. Press the button that corresponds to your desired GewaLink channel in the selected channel group according to *Table 2* below.
8. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Table 2: Channel group and button to add GewaLink channel

	Channel range : GewaLink 00-63							
Button	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group
	00	08	16	24	32	40	48	56
	01	09	17	25	33	41	49	57
	02	10	18	26	34	42	50	58
	03	11	19	27	35	43	51	59
	04	12	20	28	36	44	52	60
	05	13	21	29	37	45	53	61
	06	14	22	30	38	46	54	62
	07	15	23	31	39	47	55	63
	Channel range : GewaLink 64-127							
Button	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group	Ch. group
	64	72	80	88	96	104	112	120
	65	73	81	89	97	105	113	121
	66	74	82	90	98	106	114	122
	67	75	83	91	99	107	115	123
	68	76	84	92	100	108	116	124
	69	77	85	93	101	109	117	125
	70	78	86	94	102	110	118	126
	71	79	87	95	103	111	119	127

Adding a GewaLink channel

Press + 2 sec, , , choose the level with , choose the button , choose the **Channel range**, choose the **Channel group**, then choose GewaLink channel.

See *Table 2* for your choice of Channel groups and GewaLink channels.

Example: You want to add GewaLink channel 28 onto a certain button .

Press + 2 sec, , , choose level, , , , .

2.8 Adding a 4096 code

Control Medi is delivered with a special coded channel (4096) on the **Code** button . The code is selected randomly. This coded channel is normally used for functions that require strict authorization such as apartment or house doors. The code has 4096 different combinations.

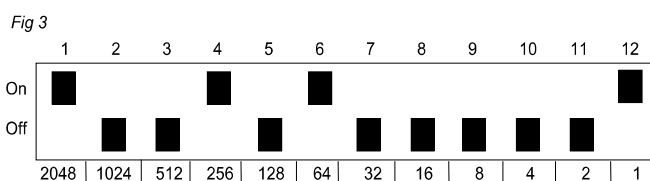
The **Code** button always has the same code irrespective of which level you use. If you have to program a new coded channel there are two methods of doing so. You can set the 4096 code on any level and button. It is recommended to keep the 4096 code on the **Code** button.

NOTE! When you add a new coded channel it is added to just one level. If you want to use the **Code** button with the same code on several levels, you must add it to each level.

Method one: record the code from another transmitter, as described under *Recording IR channels from another Transmitter*.

For method two a binary code is entered. Make up the binary code yourself or else use a code that is already set in an IR receiver or IR transmitter.

There are two types of IR receivers: an older type of receiver where you set the code with a 12-pole switch, or a newer type where the IR receiver is programmable. The principle is the same when it comes to creating the binary code. *Fig 3* shows a 12-pole switch. Switches 1, 4, 6 and 12 are in the “On” position, the others are in the “Off” position.



The following example describes how the binary code is created according to method two:

1. First press and then simultaneously press for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press and then press again.
3. Select the level where the 4096 code is to be set with .
4. Select the button where the 4096 code should be saved. (Button is recommended.)
5. Enter the code by pressing on or .
- = switch in Off position and = switch in On position.
Press twelve times in turn; , , , , , , , , , , , , (Fig 3).
6. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.
7. The code is now set on your selected button. **NOTE!** The code above is just an example and should be different for different users. Make a note of the chosen code for future usage.

NOTE! If you have added a coded channel to the **Code** button and you want to use the **Code** button with the same code on several levels, you must add it to each level individually.

Adding a 4096 code

Press + 2 sec, , , choose the level with , choose the button , then press or 12 times.

= Off position. = On position.

Default setting: Random code

2.9 Copying a button

Using your Control Medi, it is possible to copy a buttons' function to another button.

NOTE! The code/channel remains in its original place.

1. First press and then simultaneously press for 2 seconds. When you release the buttons the "Setting" alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Select the level with and press the button from which the code is to be copied.
4. Select the level where the code should be copied to with . Press the button where you want to copy the code to.
5. If the action is successful, the "Success" alert sounds. If something goes wrong or takes too long, the "Error" alert sounds.

Copying a button

Press + 2 sec, , choose your level and button to be copied , then choose level and button to which you want to copy the code.

2.10 Feedback when pressing buttons

Your Control Medi always gives feedback in the form of light signals when you press a button. You can also get feedback as sound alerts and vibration. It is possible to get feedback from all three ways simultaneously, or you can set up what will be on or off (light is always on).

Do as follows to set the levels of sound and vibration.

1. First press and then simultaneously press for 2 seconds. When you release the buttons the "Setting" alert sounds and the indication lamp on button 2 flashes.
2. Press .
- 3a. Sound level:
Press to lower the volume, press to increase the volume. Repeat pressing until the desired volume is set.
and/or:
- 3b. Vibration level:
Press to lower the vibration, press to increase the vibration. Repeat pressing until the desired vibration is set.
4. Finish by pressing for 2 seconds.
5. If the action is successful, the "Success" alert sounds. If something goes wrong or takes too long, the "Error" alert sounds.

Set level for sound and vibration

Press + 2 sec, , choose the setting, then 2 sec.

= Lower volume. = Increase volume. = Lower vibration. = Increase vibration.

Default setting: Sound alert = 1 (0 – 5) Vibration = 1 (0 – 5)

2.11 Setting an acceptance delay

An acceptance delay can be set for pressing the buttons. Acceptance delay is the time a button has to be pressed for before a function is activated. An acceptance delay can be set from 1 to 4. 1 is no delay at all (off) and 4 is the maximum delay (1 sec.).

1. First press  and then simultaneously press  or 2 seconds. When you release the buttons the "Setting" alert sounds and the indication lamp on button 2 flashes.
2. Press .
3. Press your desired value for the acceptance delay,  is off, and  is max.
4. If the action is successful, the "Success" alert sounds. If something goes wrong or takes too long, the "Error" alert sounds.

Setting an acceptance delay

Press  +  2 sec, , then choose the setting.

 = 0 sec,  = 0.3 sec,  = 0.6 sec,  = 1 sec

Default setting: Acceptance delay = OFF (0 sec)

2.12 Creating an automatic sequence (Macro)

Your Control Medi is able to send sequences of codes. When you press **one** button, Control Medi automatically carries out what is equivalent to pressing several buttons. To find a TV menu page for instance you need to press several buttons. Control Medi however, can be programmed in such a way that you only need to press one button. Other available sequences are dialling long telephone numbers or muting the TV at the same time as you answer the telephone. Your Control Medi can also be programmed to change levels and remember how long the button is pressed, you can transmit for a maximum of 25 seconds per press. Other programmed sequences can also be a part of a new sequence.

A sequence can be terminated at any time by pressing any other button.

When a sequence is programmed, your Control Medi transmits at the same time what is already on the key. A maximum of 50 button presses per sequence can be programmed. NOTE! The button used for the sequence must not be part of the sequence.

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the "Setting" alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Press  to start the recording.
4. Press the buttons to be used for the sequence.
5. First press  and then simultaneously press . When you release the buttons the "Setting" alert sounds and the indication lamp on button 1 flashes.
6. Press .

7. Press **2** to finish the recording.
8. Select where you want the sequence to be with button **X**.
9. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Creating an automatic sequence (Macro)

Press **---** + **1** 2 sec, **4**, **1**, create the sequence, **---** + **1**, **4**, **2**, select the button **X** to be saved.

Max 25 seconds per press, 50 presses

2.13 Repeating the last function

Your Control Medi Multi can have a button that repeats the last sent function.

Do as follows to add Repeat Last Function to a selected button:

1. First press **---** and then simultaneously press **2** for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 2 flashes.
2. Press **5**.
3. Press **---** to choose the level.
4. Press the desired button **X** on the selected level.
5. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

To delete the Repeat Last Function, you will need to reset the button. See *Reset to default settings, reset a button*.

Repeating the last function

Press **---** + **2** 2 sec, **5**, choose the level and button **X**.

Default setting: OFF (none)

2.14 Direct control

Your Control Medi can directly control a button with an external control switch. You can choose which button that should be activated when you press the control switch.

It is also possible to direct control two buttons some seconds apart. The time can be from 2 to 8 seconds. (Direct Control of two buttons applies from ver. 1.0.6).

A control switch with 3.5mm plug will fit in to the side of your Control Medi.

Do as follows to activate/deactivate Direct control:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 2 flashes.

2. Press .

3a. Activate direct control.

Press , and then press the button  that you want to be activated when pressing the control switch.

or:

3b. Activate direct control of two buttons.

Press , and then press the first button  that you want to be activated when pressing the control switch. Press the second button  to be activated. Select time before the second button should be activated with  - .

or:

3c. Press  to turn off direct control, (Resetting scanning).

4. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Activating/deactivating Direct control

Activate direct control: Press  +  2 sec, , , choose the button .

Activate direct control of two buttons:  +  2 sec, , , choose the first button , choose the second button . Select time  - .

 = 2 sec,  = 4 sec,  = 6 sec,  = 8 sec

Deactivate direct control: Press  +  2 sec, , .

Default setting: OFF (none)

3. Scanning control

With Control Medi you can connect an external control switch that starts a scanning function and thereby makes it possible to control 28 different functions in its environment with i.e. just a sip/puff switch. You can adjust various settings for the scan, such as Scanning speed, Number of scanning repetitions and Scanning start.



A control switch with 3.5mm plug will fit in to the side of your Control Medi Multi.

3.1 Setting the scanning start

With your Control Medi, you can choose to start the scanning from any button, regardless of level. One advantage to starting the scanning at the *Level* button is that you will be able to get to a certain button more quickly. Do as follows to set the scanning start:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Press the desired button .
4. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Setting the scanning start

Press  +  2 sec, , then choose the button .

Default setting: button 1

3.2 Setting the scanning speed

The scanning speed can be programmed from 0.1 to 5.0 seconds. It is set to 1.5 seconds on default. Do as follows to program the scanning speed:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Press  to lower or  to increase the scanning speed. The current speed is displayed by the flashing indication light on button 1 or 2. Repeat pressing until the desired speed is set. (Press  to see the speed.)
4. Press  for 2 seconds to save.
5. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Setting the scanning speed

Press  +  2 sec, , press the desired setting, then  2 sec

 = Lower  = Increase

Default setting: 1.5 seconds

3.3 Setting the scan cycle timeout

It is possible to decide the number of scan cycles that Control Medi Multi shall complete before stopping. From the moment the scanning has been started and until the scanning has returned to the starting point is one cycle if nothing is executed. It is possible to choose between 1 - 4 cycles. Do as follows to set the number of cycles:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Press  to  to set the number of repetitions.
4. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Setting the scan cycle timeout

Press  +  2 sec, , then the number of cycles  to .

Default setting: 2 cycles

4. Adding GewaRadio (GR) units

With your Control Medi Multi it is possible to control units with GewaRadio (GR).

The GR unit can be a radio receiver (GR receiver) or a radio transmitter (GR transmitter) manufactured by Abilia, or switches and wall outlets from Schnider (Connect) and Merten (System M).

Before adding GR commands, the following must be considered:

- Units that can be controlled are the Gewa Andromeda and switches and sockets from Schnider (Connect) and Merten (System M).
- We recommend that you first reset the GR units (ie. remove them) before you start adding them to your Control Medi. If a GR unit has been programmed, it cannot be added again without a reset.
- Your Control Medi Multi must always be used as the primary transmitter. You must first program your Control Medi Multi and then add other GR transmitters afterwards. To add another GR transmitter we recommended that you follow the GR manual.
- When your Control Medi Multi has been programmed with GR units, a backup should be made to save all settings. It is possible to use the backup file for another Control Medi and in that way restore the same functions.
- If your Control Medi Multi is switched off or breaks, other GR transmitters will still work that are programmed in the system. If your Control Medi Multi is replaced by another Control Medi Multi, the backup copy must be used for it to function in the same way.

To be able to add GR commands you must understand the vocabulary below:

Include GR unit (Include)

Include GR unit in your Control Medi Multi.

Exclude GR unit (Exclude)

Exclude GR unit from your Control Medi Multi (recommended if the GR unit is available).

Switch Off/On (Switch Binary)

Off/On function. Two buttons, one for “Off” and one for “On”.

Switch Off (Basic Off)

Switch On (Basic On)

Switch Toggle (Switch Toggle)

Off/On function. One button for both “Off” and “On”.

Window Covering (Window Covering)

Functions to control shutters, roller blinds, venetian blinds, awnings (up, down and stop).

Switch Multi Level (Switch Multi level)

A dimmer function with buttons to increase or decrease brightness.

Switch Multi Level Toggle (Switch Multi level Toggle)

Off/On function where “On” is the last selected dimmer level.

Multi Channel (Multi Channel)

A GR unit can control several channels, eg. there may be two or more relays that can be controlled.

Confirmation

Your Control Medi Multi gives confirmation as to whether a GR function is performed or not. If the function is not performed, a “Not performed” alert sounds. It takes a few seconds before confirmation is given. For example it can be useful when you want to switch on a lamp in another room. If the desired function has been performed, no alert is given, ie. the lamp has been switched on so the transmitter is silent.

4.1 Adding a GR unit and programming a GR function on optional button

In order to be able to use GR signals with your Control Medi Multi, settings need to be applied. The GR unit to be controlled needs to be added to your Control Medi Multi. Select the level and button to be used, and the desired function.

Do the following to add a GR unit and GR function to an optional button:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 5 flashes.
2. Press .
3. Press  to choose level.
4. Press the desired button  on the chosen level.
5. Set the receiver whilst in Include mode (refer to the receiver’s manual).
6. If the GR unit makes contact, the “Success” alert sounds. If something goes wrong or it takes too long, the “Error” alert sounds. If the “Success” alert sounds, continue with the next step, otherwise, start over from step 1.
7. If the receiver has several channels (Multi Channel). Press  and then select the channel on the receiver that you would like to use,  to . If no channel is selected, channel 1 will be used. (If the receiver does not have several channels, the “Error” alert sounds when pressing .)
8. Depending on the type of radio receiver to be added, different choices can be made:
 - 8a. For a Switch function (Switch Binary):
Press button  for desired function;
 = Switch Off (Basic Off)
 = Switch On (Basic On)
 = Switch Toggle (Switch Toggle)

Or:
 - 8b. For a Window covering (Window Covering):
Press button  for desired function;
 = Close (Close)
 = Open (Open)
 = Stop (Stop)

Or:
 - 8c. For a Dimmer function (Switch Multi level):
Press button  for desired function;
 = Dimmer Off (Dimmer Off)
 = Dimmer On (Dimmer On)
 = Switch Toggle (Switch Multi level Toggle)
 = Max light
 = Dimmer Darker (Level -)
 = Dimmer Brighter (Level +)
9. If the programming is a success with the first button, proceed from step 4 to learn more buttons.
10. Finish by pressing  for 2 seconds.
11. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

12. Now test the learned functions on the device that is to be controlled.

Adding a GR function

For a Switch function

Press + 2 sec, , choose the level with , choose the button , set the controlled unit in Include mode,
(with a Multi Channel-receiver: press , choose the channel for the receiver),
choose your desired function, continue or finish 2 sec.

= Switch Off = Switch On = Switch Toggle

For a Window covering

Press + 2 sec, , choose the level with , choose the button , set the controlled unit in Include-mode, then continue or finish 2 sec
(with a Multi Channel-receiver: press , choose the channel for the receiver),
choose your desired function, continue or finish 2 sec.

= Close = Open = Stop

For a Dimmer function

Press + 2 sec, , choose the level with , choose the button , set the controlled unit in Include-mode, then continue or finish 2 sec
(with a Multi Channel-receiver: press , choose the channel for the receiver),
choose your desired function, continue or finish 2 sec.

= Dimmer Off = Dimmer On = Switch Toggle
 = Max light = Dimmer Darker = Dimmer Brighter

4.2 Excluding GR unit

Do the following to remove (Exclude) an GR unit from the system:

1. First press and then simultaneously press for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 1 flashes.
2. Press .
3. Set the GR unit to be removed in Exclude mode, see its manual.
4. If the GR units gets contact the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Excluding a GR unit

Press + 2 sec, , then set the GR unit in Exclude mode.

4.3 Setting the channel range

Your Control Medi has the option to set different channel ranges for the transmitter to operate within. When the change of channel range is applied, programmed channels will disappear and a new random code is added on the Code button .

Normally, the channel range does not need to be changed. If several GewaLink transmitters are to be used in the same area and you do NOT want to control the same equipment, it may be necessary to use different channel ranges.

Table 3 shows the different settings.

Table 3: Channel ranges

	Channel ranges, GewaLink channels					
	00-23 ❶	16-39 ❷	32-55 ❸	56-79 ❹	80-103 ❺	104-127 ❻
Level 1	00-05	16-21	32-37	56-61	80-85	104-109
Level 2	06-11	22-27	38-43	62 ¹ -67	86-91	110-115
Level 3	12-17	28-33	44-49	68-73	92-97	116-121
Level 4	18-23	34-39	50-55	74-79	98-103	122-127

¹ Channel 62 is a stop code and cannot control any function. On the other hand you can store channels/codes on this button which in turn can control a function.

Do as follows to set the channel range:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 2 flashes.
2. Press .
3. Choose the channel range  to  according to table 3 above.
4. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Setting the channel range

Press  +  2 sec, , choose the channel range.

 = 00-23,  = 16-39,  = 32-55,  = 56-79,  = 80-103,  = 104-127

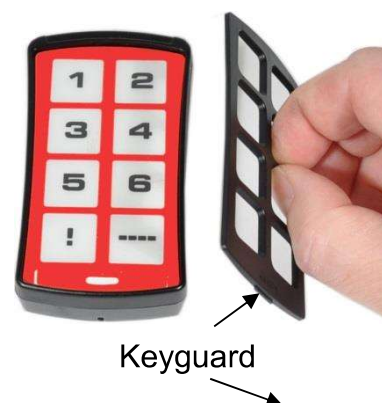
Default setting: GewaLink channel 16-39

5. Button Labelling

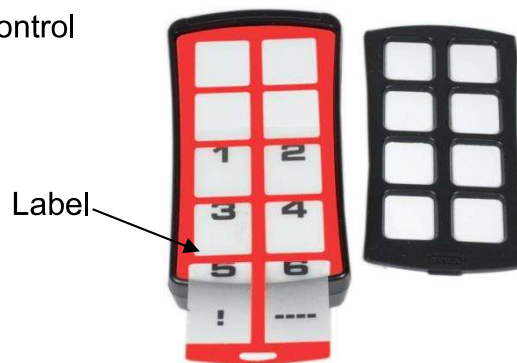
The buttons on your Control Medi are marked with numbers as standard. The numbered label can be replaced with a personalised design. On Abilia's website it is possible to create your own button labels using pre-designed templates with symbols and text.

The document can also be downloaded. The labeling is printed on a clear sheet or white paper and inserted through the slit on your Control Medi. Before the button label is inserted, the keyguard must be removed.

Remove the keyguard by gripping the middle, and then lifting it straight up, see photo.



An A4 sheet for making notes is included with your Control Medi.



6. Control Medi Holders

Rubber feet are mounted on the underside so that your Control Medi can lie still on flat surfaces. Your Control Medi can also be equipped with a clip (accessory) which can be attached to a belt or pocket.

As an optional accessory, there is also a holder that fits to your Control Medi. This holder can be assembled for mounting on to a table or attaching to a pipe. The holder can also be mounted on a mobile stand.



Another option is to hang your Control Medi around the neck. A neck strap is supplied with your Control Medi.

Do as follows to attach the neck strap:

1. Unscrew the battery lid.
2. Place the thin loop of the neck strap in the groove around the screw mount.
3. Screw the battery lid back down.
4. Adjust the length of the neck strap.

Warning!

The string lock is a safety feature to prevent strangling. Make sure that the ends of the neck strap can be pulled out eg. if the transmitter gets caught on something. Never make knots in the neck strap!



7. Backups and reinstallation

Your Control Medi can be connected to a computer in order to make a backup of the settings and recordings of your transmitter. The backup copy can be used to reinstall the settings and recordings onto your transmitter. Use the Control Tool USB Interface accessory (sold separately). The software can be downloaded from Abilia's website. www.abilia.com. See instructions on the website.

8. Cleaning

Your Control Medi can be cleaned with a damp cotton wool pad with surgical spirit, Chlorhexidine or ethyl alcohol.

It can also be cleaned with a damp cloth (weak solution of washing up liquid). Wipe dry after cleaning.

Warning!	
Do not use any disinfectant except surgical spirit, Chlorhexidine or ethyl alcohol.	
These liquids are inflammable, handle with care!	

9. Default settings in your Control Medi

On delivery your Control Medi Multi will be set with certain default settings as follows:

- Acceptance delay is set to value OFF
- Feedback sound level is set to value 1 (0 – 5)
- Feedback vibration level is set to value 1 (0 – 5)
- Only level 1 is open, other levels are closed
- GewaLink channels 16-39 are on level 1-4
- A random code on the  button
- Scanning starts on button 1, level 1
- Scanning speed is set to 1.5 seconds
- Maximum number of scanning cycles is set to 2

9.1 Resetting to Default settings

It is possible to reset one button, reset all buttons on one level, or reset the entire Control Medi to default settings. See *Table 1 Default setting Gewa Link channels*, which shows you which channels are set after a reset. Other settings will also return to default settings, see above.

Do the following to restore:

1. First press  and then simultaneously press  for 2 seconds. When you release the buttons the “Setting” alert sounds and the indication lamp on button 3 flashes.
- 2a. Reset **one button**:
Press .
Choose the level with .
Choose the button  to be restored.
or:
2b. Reset **all buttons on one level**:
Press .
Choose the level with .
Press .
or:
2c. Reset to **factory settings** (all buttons on all levels):
Press .
Press , ,  in sequence.
3. If the action is successful, the “Success” alert sounds. If something goes wrong or takes too long, the “Error” alert sounds.

Resetting to default settings

To reset one button:

Press  +  2 sec, , choose level with , then choose button .

To reset one level:

Press  +  2 sec, , then choose level with , .

To reset to factory settings:

Press  +  2 sec, , , , .

10. Technical data

10.1 Technical data

Power consumption at rest:	Approx. 4 μ A
Power consumption at scanning:	Approx. 8 mA
Power consumption at transmitting:	Approx. 40 mA (GewaLink channel)
Input control switch type:	3.5mm jack plug 2-pole
Battery life (scanning only):	Approx. 1 year (100 times scanning per day and 100 sec transmitting per day with GewaLink channel)
Battery life (button use only):	Approx. 2 years (100 seconds transmitting per day with GewaLink channel)
Programming locations:	28 places
Operating force buttons:	< 160g
Range:	40-50m (GewaLink channels)
EMC-standard emission: " immunity:	EN 301 489-3 V1.4.1:2002, EN(IEC) 61000-6-2:2005, EN(IEC) 61000-6-3:2007, selected parts from EN 300 220-2 V2.3.1:2010
Computer Connection:	Via 429252 Control Tool USB interface
Measurements (L x W x H):	100 x 55 x 22 mm (incl. rubber feet)
Weight (incl. batteries):	105g
Operating temperature (excl. batteries):	-20°C to +45°C

10.2 Accessories included with your Control Medi Multi

Art.no.	Name	Description	Qty
429255	Control Medi Labelling 8	For labelling of buttons	1 pcs
-	Note sheet	A4-sheet for noting your programmed channels	1 psc
429257	Control Medi Keyguard 8	Keyguard for 8 buttons	1 pcs
890410	Neck strap		1 pcs
8375	Battery	LR03 1.5V	3 pcs

10.3 Other accessories available for Control Medi

Art.no.	Name	Description
429249	Control Medi Holder 6 mm Hole	For mounting a Control Medi to different systems with a 6mm hole
429250	Control Medi Holder 10 mm Pipe	For mounting a Control Medi to a 10mm pipe system
429251	Control Medi Belt Clip	
429252	Control Tool USB interface	Adapter for connecting a Control Medi to PC

11. Safety and responsibility

Abilia has conducted a risk analysis for the product with reference to SS-EN 14971 for Medical equipment. The instructions for use and the technical specifications for the product have been drawn up in respect of the safety assessments carried out in this document.

It is always important to be aware of safety when first using this product and with its subsequent use. It is not possible to describe in the instructions all the situations in which the product must not be used. If you are not sure whether you have started using the product properly or set it up correctly, please contact your supplier.

Abilia is not liable for any loss, damage or consequential loss resulting from any use, correct or otherwise, lack of follow-up, incorrect set-up, incorrect connection or similar misuse. Abilia financial liability is at all times limited to the value of the product itself.

11.1 *Recycling Waste Electrical and Electronic Equipment*

The Control Medi contains electronics components that must be recycled. When the product is no longer of use, hand it in to a recycling centre for waste electrical and electronic equipment.



11.2 *Conformity with the Medical Devices Directive*

The Control Medi is marketed as a technical aid for people with disabilities and meets the requirements in the Medical Devices Directive 93/42/EEC including relevant EMC and electrical safety requirements.

12. Summary and Quick guide

Locking/Unlocking the Settings Lock

Press + 2 sec, , then press your desired option or .

= Unlock. = Lock.

Default setting: Unlocked

Opening/Closing a Level

Press + 2 sec, , choose level with , then press the desired option or , then 2 sec.

= Close. = Open.

Default setting: Level 1 open

Recording IR Channels

Press + 2 sec, , choose the level with , select button , select button , then continue or finish with 2 sec

Adding the 4096 code

Press + 2 sec, , , choose the level with , choose the button , then press or 12 times.

= Off position. = On position.

Default setting: Random code

Copying a button

Press + 2 sec, , choose your level and button to be copied , then choose level and button to which you want to copy the code.

Setting the levels for sound and vibration

Press + 2 sec, , choose the setting, then 2 sec.

= Lower volume. = Increase volume. = Lower vibration. = Increase vibration.

Default setting: Sound alert = 1 (0 – 5) Vibration = 1 (0 – 5)

Setting the acceptance delay

Press + 2 sec, , then choose the setting.

= 0 sec, = 0.3 sec, = 0.6 sec, = 1 sec

Default setting: Acceptance delay = OFF (0 sec)

Creating an automatic sequence (Macro)

Press + 2 sec, , , create the sequence, + , , , select the button to be saved.

Max 25 seconds per press, 50 presses

Repeat latest function

Press + 2 sec, , choose the level and button .

Default setting: OFF (none)

Activating/deactivating Direct control

Activate direct control: Press + 2 sec, , , choose the button .

Activate direct control of two buttons: + 2 sec, , , choose the first button , choose the second button . Select time - .

= 2 sec, = 4 sec, = 6 sec, = 8 sec

Deactivate direct control: Press + 2 sec, , .

Default setting: OFF (none)

Setting the channel range

Press + 2 sec, , choose the channel range.

= 00-23, = 16-39, = 32-55, = 56-79, = 80-103, = 104-127

Default setting: GewaLink channel 16-39

Setting the scanning start

Press + 2 sec, , then choose the button .

Default setting: button 1

Setting the scanning speed

Press + 2 sec, , press the desired setting, then 2 sec

= Lower = Increase

Default setting: 1.5 seconds

Setting the scan cycle timeout

Press + 2 sec, , then the number of cycles to .

Default setting: 2 cycles

Adding a GR function

For a Switch function

Press + 2 sec, , choose the level with , choose the button , set the controlled unit in Include mode,
(with a Multi Channel-receiver: press , choose the channel for the receiver),
choose your desired function, continue or finish 2 sec.

= Switch Off = Switch On = Switch Toggle

For a Window covering

Press + 2 sec, , choose the level with , choose the button , set the controlled unit in Include-mode, then continue or finish 2 sec
(with a Multi Channel-receiver: press , choose the channel for the receiver),
choose your desired function, continue or finish 2 sec.

= Close = Open = Stop

For a Dimmer function

Press + 2 sec, , choose the level with , choose the button , set the controlled unit in Include-mode, then continue or finish 2 sec
(with a Multi Channel-receiver: press , choose the channel for the receiver),
choose your desired function, continue or finish 2 sec.

= Dimmer Off = Dimmer On = Switch Toggle
 = Max light = Dimmer Darker = Dimmer Brighter

Excluding a GR unit

Press + 2 sec, , then set the GR unit in Exclude mode.

Resetting to default settings

To reset one button:

Press + 2 sec, , choose level with , then choose button .

To reset one level:

Press + 2 sec, , then choose level with , .

To reset to factory settings:

Press + 2 sec, , , , .



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