

Trådlös brytar-/dimmertillsats 1-kanals

Best. nr. : 5490 ..

Bruksanvisning**1 Säkerhetsanvisningar**

Montering och anslutning av elektriska enheter får bara utföras av kvalificerade elektriker.

Kan medföra allvarliga kroppsskador, eldsvåda eller materiella skador. Läs och följ hela bruksanvisningen.

Risk för elstötar! Frånkoppla enheten innan arbeten utförs på den eller lasten. Slå av alla brytare som matar farlig spänning till enheten eller lasten.

Risk för elstötar! Enheten är inte lämplig för aktivering. Även om enheten är avstängd är, beroende på vilken insats som används, inte lasten galvaniskt skild från nätet.

De här anvisningarna är en del av produkten och ska behållas av slutkunden.

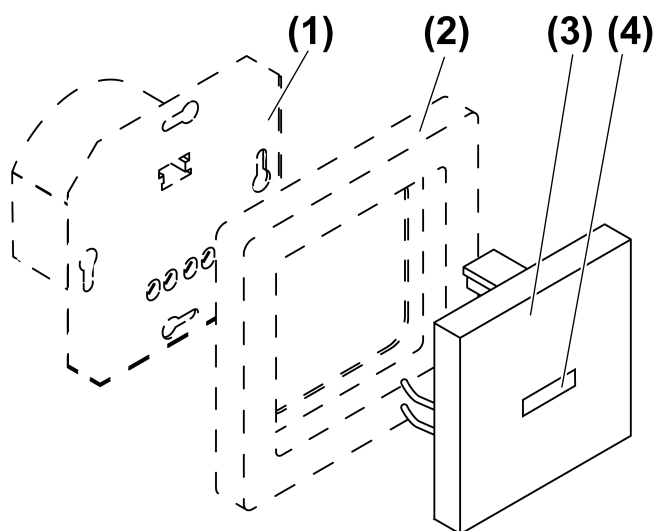
2 Enhetens konstruktion

Bild 1: Enhetens konstruktion

- (1) UP-insats
- (2) Ram
- (3) Radioknapp
- (4) Status-LED

3 Funktion**Ändamålsenlig användning**

- Manuell och trådlös betjäning av kompatibla UP-insatser för omkoppling eller dimning (se Tillbehör)
- Montering på UP-insats
- Användning tillsammans med lämpliga radiosändare
-  Ingen drift med pulsinsats, två- och tretrådiga insatser i anknytningar möjlig.

Produktegenskaper

- Utvärdering av anknytningar
- Scendrift möjlig

- Statusindikator med lysdiod
- Statussvar till radiosändaren
- Ljusstyrkan vid tillkoppling kan sparas permanent i kombination med UP-insatser för dimning

Kan ställas in med eNet-Server:

- Maximal ljusstyrka
- minimal ljusstyrka
- Dimmerhastighet
- In-/urkopplingsfördröjning
- På-/avdimramp
- Förvarning om fränkoppling
- Kontrollås
- Varaktigt-På, varaktigt-Av
- Hotellfunktion
- Eftergångstid
- Ljustyrning

Tillsatsfunktioner med eNet Server:

- Helt krypterad trådlös överföring (AES-CCM) för eNet Server från programvaruversion 2.0
- Uppdatering av apparatmjukvaran
- Välj ut felminne

Beteende när strömmen kommer tillbaka efter strömavbrott

Med hjälp av eNet Server kan beteendet efter att strömmen kommer tillbaka parametreras. Fabriksinställning: Av.

4 Användning

i Användning och signalering kan avvika från beskrivningen vid drift med eNet Server.

Manövrering sker direkt via enheten eller en ansluten anknytning.

i Användning sker med hjälp av radiosändare; beakta bruksanvisningarna för radiosändarna.

Komppla om ljustet

- Tryck på knappen kortare än 0,4 sekunder.
Lampan tänds eller släcks. I kombination med insatser för dimning sker tillkoppling till den sparade tillkopplingsljusstyrkan.
Statuslysdiod (4) lyser: utgången är tillkopplad.
Statuslysdiod (4) är släckt: utgången är fränkopplad.
- i** Med HLK-insatsen kopplas endast utgång **Kanal 1** om, utgång **HLK** kopplas om i enlighet med utgång **Kanal 1** (se bruksanvisningen för insatsen).

Ställa in ljusstyrkan

Knappen kombineras med en insats för dimning.

Ljustet är tänt.

- För knappen uppåt i mer än 0,4 sekunder.
Ljustet blir starkare upp till den högsta ljusstyrkan.
- För knappen nedåt i mer än 0,4 sekunder.
Ljustet blir mörkare ned till den lägsta ljusstyrkan.
- i** Installationsknapp: ljustet blir starkare upp till den högsta ljusstyrkan, stannar kort och blir mörkare ned till den lägsta ljusstyrkan, stannar kort och blir sedan ljusare igen. Förloppet upprepas så länge knappen hålls intryckt.

Tänd ljustet med lägsta ljusstyrkan

Knappen kombineras med en insats för dimning.

- För knappen nedåt i mer än 0,4 sekunder.
Ljustet tänds med lägsta ljusstyrkan.

- i** Om knappen eller den tvåtrådiga anknytningen trycks uppåt eller om installationsknappen trycks in i mer än 0,4 sekunder tänds ljuset med lägsta ljusstyrkan och blir sedan starkare.

Lagra inkopplingsljusstyrka

Knappen kombineras med en insats för dimning.

- Ställ in ljuset till önskad ljusstyrka.
 - Håll hela knappen intryckt i mer än 4 sekunder.
Tillkopplingsljusstyrkan är lagrad. Som bekräftelse tänds belysningen kortvarigt och ställs in till den sparade tillkopplingsljusstyrkan igen.
- i** Tillkopplingsljusstyrkan kan inte sparas med en installationsknapp.

5 Information för elektriker

5.1 Montering och elektrisk anslutning



FARA!

Elektrisk stöt vid beröring av spänningsförande delar.

Elektriska stötar kan leda till livshotande skador.

Koppla ifrån alla tillhörande säkerhetsbrytare innan du arbetar med enheten eller lasten. Täck över spänningsledande delar i omgivningen!

Ansluta och montera enheten

För att överföringskvaliteten ska bli god, måste du hålla tillräckligt stort avstånd till potentiella störningskällor som t.ex. metallytor, mikrovågsugnar, stereo- och teveanläggningar, förkopplingsdon eller transformatorer.

UP-insatsen är korrekt monterad och ansluten (se bruksanvisningen för UP-insatsen).

- Sätt radioknappen (3) och ramen (2) på UP-insatsen (1).
- Koppla in nätspänningen.
- Genomför idrifttagningen (se kapitlet Idrifttagning).

5.2 Driftsättning



FARA!

Elektrisk stöt vid beröring av spänningsförande delar.

Elektriska stötar kan leda till livshotande skador.

Täck av de spänningsförande delarna på radiosändarna och -ställdonen, och dess omgivning, vid driftsättningen.

- i** Knappen kan alternativt till den idrifttagning som beskrivs här även tas i drift med eNet Server.

Koppla samman med en trådlös sändare

Lasten är urkopplad.

- Håll hela knappen intryckt i mer än 4 sekunder.

- i** Kopplingsinsatserna kopplar till lasten tills statuslysdioden blinkar.
Efter 4 sekunder blinkar statuslysdioden (4). Knappen befinner sig programmeringsläget i ca 1 minut.
- Sätt även den trådlösa sändaren till programmeringsläge (se bruksanvisningen för den trådlösa sändaren).
 - Skicka telegram till radiosändaren (se bruksanvisningen för radiosändaren).
Statuslysdioden lyser i 5 sekunder.
Knappen är kopplad till radiosändaren. Knappen och radiosändaren lämnar automatiskt programmeringsläget.

- i** Om statuslysdioden för knappen blinkar i ca 5 sekunder, 3 gånger med 1 sekunds mellanrum, har programmeringen misslyckats. I knappen eller radiosändaren är alla minnesplatser allokerade.
- i** Knapparna Allt till och Allt från på en radiosändare kopplas automatiskt till aktuatoren så snart den första anslutningen upprättas till en radiosändare. Scenknapparna måste förbindas separat.

Skilj förbindelsen till en radiosändare

- Utför samma steg som vid sammankoppling (se Ansluta till radiosändare).
Status-LED (4) blinkar snabbt i 5 sekunder. Knappen är skild från radiosändaren. Knappen och radiosändaren lämnar automatiskt programmeringsläget.
- i** Om det finns flera förbindelser eller scenknappar till en radiosändare, måste alla separeras.
- i** Knapparna Allt till och Allt från på en radiosändare kopplas automatiskt från så snart den senaste anslutningen till radiosändaren bryts. Kan ej separeras manuellt.

Återställ knappen till fabriksinställningen

Alla anslutningar till sändarna kopplas från och parametrarna återställs till fabriksinställningen.

- i** Förbindelserna bevaras i radiosändaren, och måste raderas separat.

Lasten är urkopplad.

- Håll hela knappen intryckt i minst 20 sekunder.
- i** Kopplingsinsatserna kopplar till lasten tills statuslysdioden blinkar.
Efter 4 sekunder blinkar status-LED långsamt. Efter 20 sekunder blinkar status-LED snabbare.
- Släpp knappen och tryck kortvarigt på hela knappens yta igen inom 10 sekunder.
Status-LED blinkar långsammare i ca 5 sekunder.
Knappen är återställd till fabriksinställningen.

6 Bilaga

6.1 Tekniska data

Omgivningstemperatur

-5 ... +45 °C

Radiofrekvens

868,0 ... 868,6 MHz

Sändningsräckvidd i öppet fält

typ. 100 m

Sändningseffekt

max. 20 mW

Mottagarkategori

2

6.2 Parameterlista

Enhetsparametrarna kan ändras med eNet-servern:

Device and channels

Parameters	Setting options, Basic setting	Explanations
------------	--------------------------------	--------------

Function	Light (dimming), light (switching), switching, unused Basic setting: Light (dimming)	Light (dimming) The channel is integrated for the "Lighting" central function in the eNet SMART HOME app. Use the setting in combination with a dimming insert. Light (switching) The channel is integrated for the "Lighting" central function in the eNet SMART HOME app. Use the setting in combination with a switching insert. Switching The channel is not integrated in any central function. Use the setting in combination with a switching insert. Unused The channel is not displayed in the eNet SMART HOME app and is disabled for use in the commissioning interface.
Operating mode	Normal operation Continuous on Continuous off Basic setting: Normal Operation	Normal operation The output can be operated with radio transmitters and the Prog button. Continuous on The output switches to continuously "On". All operations of radio transmitters and the Prog button are ignored. Continuous off The output switches to continuously "Off". All operations of radio transmitters and the Prog button are ignored.

Advanced device settings

Parameters	Setting options, Basic setting	Explanations
Manual commissioning	On, Off Basic setting: On	Blocks manual commissioning for the device channel. Note: In the "Off" setting, the device cannot be reset to the factory setting.
Allow extension unit operation	On, Off Basic setting: On	Prevents operation via wired extensions.

Channel settings "dimming"

Parameters	Setting options, Basic setting	Explanations
------------	--------------------------------	--------------

Switch-on brightness	1...100 % Basic setting: 100 %	During brief operation, the output switches on at the set switch-on brightness. Note: If the value is above the set maximum brightness or below the minimum brightness, then the system will switch to the appropriate limit value.
Minimum brightness	1...67 % Basic setting: 5 %	Specifies the minimum settable brightness. Note: If parameters or scene values are set to a level lower than the minimum brightness, then the system will dim to minimum brightness.
Maximum brightness	75...100 % Basic setting: 100 %	Specifies the maximum settable brightness. Note: If parameters or scene values are set to a level higher than the maximum brightness, then the system will dim to maximum brightness.
Dimming adjustment time	1...60 s Basic setting: 4 s	Time from minimum brightness until reaching maximum brightness (dimming speed).
Switch-on delay	0 s ... 24 h Basic setting: 0 s	The load switches on after a delay. Repeated switch-on commands restart the delay time. If the load has not yet been switched on due to the delay when a switch-off command comes, then the load will remain off. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.
Switch-off delay	0 s ... 24 h Basic setting: 0 s	The load switches off after a delay. Repeated switch-off commands restart the delay time. If the load has not yet been switched off due to the delay when a switch-on command comes, then the load will remain on. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.

Dim up ramp	0 s ... 24 h Basic setting: 0 s	Time between switch-on and reaching switch-on brightness. The light is switched on at minimum brightness and then dimmed to the switch-on brightness. Only applies to switch-on with transmitters (short operation). If scenes are recalled or switching uses logic modules, the switch-on brightness is approached using so-called soft dimming (not configurable).
Dim down ramp	0 s ... 24 h Basic setting: 0 s	Time until reaching minimum brightness. The light is dimmed to minimum brightness and then switched off. Only applies to switch-off with transmitters (short operation). If scenes are recalled or switching uses logic modules, the system switches off directly.
Run-on time	0 s ... 24 h Basic setting: 0 s	As soon as a run-on time has been entered, the actuator will no longer remain on permanently, but only for the length of the run-on time. The run-on time is restarted if actuation is repeated. This parameter is directly connected to the "Manual switch-off of run-on time" parameter. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.
Manual switch-off of the run-on time	On, Off Basic setting: Off	Allows manual switch-off of a running run-on time. If the parameter is switched off, then a switch-off command will also switch the actuator on. Only visible if a run-on time was set.
Operating hours	0...65535 Basic setting: Current value	The time is counted during which the load is physically switched on. This parameter can be reset to "0", for example after exchanging the load. The Reset button is used to reset the meter to "0". The device must be programmed to apply the change.

Extended channel settings "dimming"

Parameters	Setting options, Basic setting	Explanations
------------	--------------------------------	--------------

Operating mode	Normal operation Continuous on Continuous off Basic setting: Normal Operation	see Device and channels
Manual commissioning	On, Off Basic setting: On	Blocks manual commissioning for the device channel. Note: In the "Off" setting, the device cannot be reset to the factory setting.
Local Operation	On, Off Basic setting: On	Blocks the output for operation using the Prog button.
Behaviour on voltage return	On Off Last value Configured brightness Basic setting: Off	Defines the behaviour of the output after voltage return.
Brightness on voltage return	0...100 % Basic setting: 100 %	Brightness value, set by the output after voltage return (mains voltage). The parameter "Behaviour after voltage return" must be set to "Configured brightness". Note: If the value is above the set maximum brightness or below the minimum brightness, then the system will switch to the appropriate limit value.
Behaviour after the end of the disabling function	On Off no change Last value Basic setting: No change	Behaviour of the output when a block is removed.
Manual saving of the scene values	On, Off Basic setting: On	Disables the saving of the current brightness value as scene value in an actuator for a command via a transmitter.

Switch-off warning	On, Off Basic setting: Off	If the switch-off warning is active, then, during switch-off, the systems dims to minimum brightness within 30 seconds and only then switches off. If the parameter "Dim down ramp" is configured as longer than 30 s, then the length of the dim down ramp is applied. If, during the dim down operation, another command is given, e.g. switch on or scene recall, then the switch-off warning stops and the command is executed. A switch-off command restarts the time for the switch-off warning. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.
Priority, lock-out protection	0...4 Basic setting: 1	Specifies the priority for recalling and removing a scene of type Lock-out protection for the channel. Note: 1 is the highest priority and 4 the lowest. 0 means no priority.
Activate lock-out protection brightness value	0...100 % Basic setting: 0 %	Defines the behaviour of the output on activating the lock-out protection.
Deactivate lock-out protection brightness value	0...100 % Basic setting: 0 %	Defines the behaviour of the output on deactivating the lock-out protection. Only visible when the priority for the lock-out protection is 0.
Priority, restraint	0...4 Basic setting: 2	Specifies the priority for recalling and removing a scene of type Restraint for the channel.
Activate forced operation brightness value	0...100 % Basic setting: 100 %	Defines the behaviour of the output on activating the forced operation.
Deactivate forced operation brightness value	0...100 % Basic setting: 0 %	Defines the behaviour of the output on deactivating the forced operation. Only visible when the priority for the forced operation is 0.
Priority, wind alarm	0...4 Basic setting: 3	Specifies the priority for recalling and removing a scene of type Wind alarm for the channel.
Activate wind alarm brightness value	0...100 % Basic setting: 0 %	Defines the behaviour of the output on activating the wind alarm.

Deactivate wind alarm brightness value	0...100 % Basic setting: 0 %	Defines the behaviour of the output on deactivating the wind alarm. Only visible when the priority for the wind alarm is 0.
Priority, sun protection	0...4 Basic setting: 0	Specifies the priority for recalling and removing a scene of type Sun protection for the channel.
Activate sun protection brightness value	0...100 % Basic setting: 100 %	Defines the behaviour of the output on activating the sun protection.
Deactivate sun protection brightness value	0...100 % Basic setting: 0 %	Defines the behaviour of the output on deactivating the sun protection. Only visible when the priority for the sun protection is 0.
Priority, twilight	0...4 Basic setting: 0	Specifies the priority for recalling and removing a scene of type Twilight for the channel.
Activate twilight brightness value	0...100 % Basic setting: 100 %	Defines the behaviour of the output on activating the twilight function.
Deactivate twilight brightness value	0...100 % Basic setting: 0 %	Defines the behaviour of the output on deactivating the twilight function. Only visible when the priority for the twilight function is 0.
Switch off brightness overshoot	On, Off Basic setting: On	Allows automatic switch-off according to the brightness. If the parameter is On, then the light controller switches off automatically when the brightness setpoint is greatly exceeded. Note: This parameter is not yet active, as a light controller has not yet been implemented.
Switch on brightness undershoot	On, Off Basic setting: Off	Allows automatic switch-on according to the brightness. If the parameter is On, then the light controller switches on automatically when the brightness setpoint is greatly undershot. We recommend only using the parameter in connection with the parameter "Switch-off on brightness overshoot". Note: This parameter is not yet active, as a light controller has not yet been implemented.

Hotel function	On, Off Basic setting: Off	If the hotel function is activated, the system will dim to 20 % brightness when a switch-off command is made. Switch-off is only possible with a forced position command. Note: If the minimum brightness is set to greater than 20 %, then the system dims to the set minimum brightness when the hotel function is activated.
----------------	-------------------------------	--

Channel settings "switching"

Parameters	Setting options, Basic setting	Explanations
Switch-on delay	0 s ... 24 h Basic setting: 0 s	The load switches on after a delay. Repeated switch-on commands restart the delay time. If the load has not yet been switched on due to the delay when a switch-off command comes, then the load will remain off. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.
Switch-off delay	0 s ... 24 h Basic setting: 0 s	The load switches off after a delay. Repeated switch-off commands restart the delay time. If the load has not yet been switched off due to the delay when a switch-on command comes, then the load will remain on. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.
Run-on time	0 s ... 24 h Basic setting: 0 s	As soon as a run-on time has been entered, the actuator will no longer remain on permanently, but only for the length of the run-on time. The run-on time is restarted if actuation is repeated. This parameter is directly connected to the "Manual switch-off of run-on time" parameter. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.

Manual switch-off of the run-on time	On, Off Basic setting: Off	Allows manual switch-off of a running run-on time. If the parameter is switched off, then a switch-off command will also switch the actuator on. Only visible if a run-on time was set.
Operating hours	0...65535 Basic setting: Current value	The time is counted during which the load is physically switched on. This parameter can be reset to "0", for example after exchanging the load. The Reset button is used to reset the meter to "0". The device must be programmed to apply the change.

Extended channel settings "switching"

Parameters	Setting options, Basic setting	Explanations
Operating mode	Normal operation Continuous on Continuous off Basic setting: Normal Operation	see Device and channels
Manual commissioning	On, Off Basic setting: On	Blocks manual commissioning for the device channel. Note: In the "Off" setting, the device cannot be reset to the factory setting.
Local Operation	On, Off Basic setting: On	Blocks the output for operation using the Prog button.
Behaviour on voltage return	On Off Last value Basic setting: Off	Defines the behaviour of the output after voltage return.
Behaviour after the end of the disabling function	On Off no change Last value Basic setting: No change	Behaviour of the output when a block is removed.
Manual saving of the scene values	On, Off Basic setting: On	Disables the saving of the current brightness value as scene value in an actuator for a command via a transmitter.

Switch-off warning	On, Off Basic setting: Off	If the switch-off warning is active, then, during switch-off, the systems dims to minimum brightness within 30 seconds and only then switches off. If the parameter "Dim down ramp" is configured as longer than 30 s, then the length of the dim down ramp is applied. If, during the dim down operation, another command is given, e.g. switch on or scene recall, then the switch-off warning stops and the command is executed. A switch-off command restarts the time for the switch-off warning. Note: The set time apply to operation using radio transmitters. The device is switched immediately when the Prog button is pressed.
Priority, lock-out protection	0...4 Basic setting: 1	Specifies the priority for recalling and removing a scene of type Lock-out protection for the channel. Note: 1 is the highest priority and 4 the lowest. 0 means no priority.
Activate lock-out protection switching state	On, Off Basic setting: Off	Defines the behaviour of the output on activating the lock-out protection.
Deactivate lock-out protection switching state	On, Off Basic setting: Off	Defines the behaviour of the output on deactivating the lock-out protection. Only visible when the priority for the lock-out protection is 0.
Priority, restraint	0...4 Basic setting: 2	Specifies the priority for recalling and removing a scene of type Restraint for the channel.
Activate forced operation switching state	On, Off Basic setting: On	Defines the behaviour of the output on activating the forced operation.
Deactivate forced operation switching state	On, Off Basic setting: Off	Defines the behaviour of the output on deactivating the forced operation. Only visible when the priority for the forced operation is 0.
Priority, wind alarm	0...4 Basic setting: 3	Specifies the priority for recalling and removing a scene of type Wind alarm for the channel.
Activate wind alarm switching state	On, Off Basic setting: Off	Defines the behaviour of the output on activating the wind alarm.

Deactivate wind alarm switching state	On, Off Basic setting: Off	Defines the behaviour of the output on deactivating the wind alarm. Only visible when the priority for the wind alarm is 0.
Priority, sun protection	0...4 Basic setting: 0	Specifies the priority for recalling and removing a scene of type Sun protection for the channel.
Activate sun protection switching state	On, Off Basic setting: On	Defines the behaviour of the output on activating the sun protection.
Deactivate sun protection switching state	On, Off Basic setting: Off	Defines the behaviour of the output on deactivating the sun protection. Only visible when the priority for the sun protection is 0.
Priority, twilight	0...4 Basic setting: 0	Specifies the priority for recalling and removing a scene of type Twilight for the channel.
Activate twilight brightness value	On, Off Basic setting: On	Defines the behaviour of the output on activating the twilight function.
Deactivate twilight switching state	On, Off Basic setting: Off	Defines the behaviour of the output on deactivating the twilight function. Only visible when the priority for the twilight function is 0.

Information window

In the Information window, the load can be controlled and the information about the device can be displays.

Channel control/channel information

Display value	Explanations
Current dimming value	The load can be dimmed using the slider or a brightness value entry. Only when "Function" is set to "Light (Dimming)".
Load state	The load can be switched on or off.
Restraint	Display of forced position status.
Operating hours	Display of the operating hours since the last restart in the Settings window Einstellungen .

6.3 Tillbehör

Drift med alla System 2000 UP-insatser för omkoppling eller dimning.

6.4 Förklaring om överensstämmelse

Härmed intygar Gira Giersiepen GmbH & Co. KG att det trådlösa systemet av typ Best. nr. 5490 ..

överensstämmer med direktivet 2014/53/EU. Fullständigt artikelnummer hittar du på apparaten. Hela innehållet i EU-försäkran om överensstämmelse finns på följande webbplats: www.gira.de/konformitaet

6.5 Garanti

Garantin hanteras över fackhandeln, inom ramen för de lagstadgade bestämmelserna.

Lämna eller skicka defekta apparater portofritt med en felbeskrivning till din ansvarige försäljare (fackhandel/installationsföretag/elfackhandel). Denne ser till att apparaterna skickas till Gira Service Center.

Gira
Giersiepen GmbH & Co. KG
Elektro-Installations-
Systeme

Industriegebiet Mermbach
Dahlienstraße
42477 Radevormwald

Postfach 12 20
42461 Radevormwald

Deutschland

Tel +49(0)21 95 - 602-0
Fax +49(0)21 95 - 602-191

www.gira.de
info@gira.de