

# Radio remote bypass control

The radio remote control transmits the high pressure ON/OFF signal from the cleaning device location to the high pressure pump unit.



The "Basic" receiver is compatible with every 4-pole Hammelmann bypass plug socket. "Plug & Play" – no electrical installation necessary!  
If reception is poor due to conditions in the building, the receiver can be brought nearer to the transmitter using a 4-pole bypass cable.

Transmitter / receiver adjustment via DIP switch.

## Transmitter - Basic

Carried on a belt (included with delivery)



### Functions:

- Push button high pressure - OFF
- Rocker switch transmitter ON/OFF
- 4 pole ITT socket with 16.4 ft connecting cable to transmit high pressure ON/OFF from the gun or other accessories
- Status LEDs red/green



Material: Polyamide with glass fibre; IP 65  
Dimensions: H x W x D = 5.3 x 6.7 x 4.3 inch  
Battery keeps charge for: > 20 hours  
Charger unit: 90 - 270 V AC  
Antenna range: approx. 330 m  
Weight: approx. 2.2 lbs

## Receiver - Basic

Fastening: 4 magnetic feet

Material: Polyamide with glass fibre; IP 65  
Dimensions: H x W x D = 4.5 x 6.5 x 2.6 inch  
Electrical connection: 4 pole ITT plug  
Frequency: 434 MHz - Europe, Australia, Russia  
458 MHz - USA upon request  
more frequencies available



Description	Code no.
Complete „Plug & Play“ set consisting of transmitter with belt, receiver and charger unit	<b>04.01336.0209</b>
Ex version –  II 3G Ex ic IIB T4 Gc same range of functions and execution like 04.01336.0209, with different transmitter type 	<b>04.01336.0211</b>

# Radio remote controls

## Hand-held transmitter - Mini

Functions:

- Push button high pressure ON
- Push button high pressure OFF
- Push button high pressure- OFF
- Push button transmitter ON/OFF
- Status LEDs red/green



Material: Polyamide with glass fibre, IP 65


Dimensions: HxWxD= 4.9 x 2.7 x 2 inch

Battery keeps charge for: > 20 hours

Antenna range: approx. 330 ft

Weight: approx. 0.48 lbs

All other technical data and receiver execution as with "Basic".

Description	Code no.
Complete „Plug & Play“ set consisting of mini hand-held transmitter, receiver and charger unit	<b>04.01336.0213</b>
Ex version -  II 3G Ex ic IIB T4 Gc; same range of functions and execution like 04.01336.0213	<b>04.01336.0214</b>

## Hand-held transmitter – increased range



Functions:

- Rocker switch high pressure ON/OFF
- Push button high pressure - OFF
- Rocker switch transmitter ON/OFF
- Status LEDs red/green

Material: Polyamide with glass fibre, IP 65

Dimension: HxWxD = 5.3x6.7x4.3 inch

Battery keeps charge for: > 20 hours

Antenna range: approx. 330 ft

Weight: approx. 2.2 lbs

All other technical data and receiver execution as with "Basic".

Description	Code no.
Complete "Plug & Play" set consisting of hand-held transmitter, receiver and charger unit	<b>04.01336.0220</b>
like 04.01336.0220 (see above) <b>Frequency for USA</b>	<b>04.01336.0221</b>

# Bypass radio remote control with extended function

With the additional option to change the set value of the operating pressure or speed (depending on ES 2 setting). HDP start / stop also possible.  
Electrical installation at pump unit is necessary!

## Transmitter – extended function


carried on a belt (included with delivery)



### Functions:

- Push button - emergency stop
- Rocker switch - transmitter ON/OFF
- Rocker switch - set value +/- (pressure / speed)
- Rocker switch - hp pump OFF (ON - upon request)
- 4 pole bypass socket with 1.5 m connecting cable
- Status LEDs red/green

Material: Polyamide with glass fibre, IP 65  
 Dimensions: H x W x D = 5.1 x 6.7 x 4.3 mm  
 Antenna range: approx. 330 ft  
 Battery keeps charge for: > 20 hours  
 Charger unit: 100 - 240 V AC  
 Weight: approx. 2.2 lbs

Description	Code no.
Complete set consisting of transmitter, receiver and charger unit - without installation material -	<b>04.01336.0210</b>
Ex version - II 3G Ex ic IIB T4 Gc; same range of functions and execution as 04.01336.0210 	<b>04.01336.0212</b>

## Receiver

Fastening: firmly mounted  
 Optional: 4 magnetic feet (not included with delivery)



Material: Polyamide with glass fibre, IP 65  
 Dimensions: H x W x D = 163 x 246 x 91 mm  
 Frequency: 434 MHz - Europe, Australia, Russia  
 458 MHz - USA upon request  
 Electrical connection: 16 pole plug  
 Installation material required  
 Diesel driven unit - 00.01808.0374  
 Electric unit - 00.01808.0373  
 Weight: approx. 4.0 lbs



Receiver firmly installed in container incl. 24 V charger unit, 16 ft flexible magnetic foot antenna extension and installation material

## Hand-held transmitter – extended Function, Ex-Version


incl. carrying strap or shoulder strap (included with delivery)

### Functions:

- Push button emergency stop
- Key operated switch hp ON/OFF (removable)
- Rocker switch set value +/- (pressure / speed)
- Rocker switch hp pump ON/OFF
- Switch transmitter ON/OFF
- Status LEDs red/green

Material: Polyamide with glass fibre, IP 65  
 Dimensions: H x W x D = 6.5 x 9.2 x 4.3 mm  
 Antenna range: approx. 330 ft  
 Battery keeps charge for: > 8 hours  
 Charger unit: 100 - 240 V AC  
 Weight: approx. 3.5 lbs



Description	Code no.
Complete set consisting of hand-held transmitter with rechargeable battery plus receiver and charger unit (not in Ex version), installation material necessary	<b>04.01336.0222</b>
like 04.01336.0222 – in Ex version II 3G Ex ic IIB T4 Gc 	<b>04.01336.0223</b>

# Radio remote controls and accessories

## Accessories for bypass remote controls

Description	Code no.
Rechargeable battery as replacement 3,6 V DC / 1,9 Ah NiMH	04.00190.0020
Rechargeable battery as replacement - Ex version 3,6 V DC / 800 mAh NiMH	04.00190.0021
Battery box for radio systems 3 x AA-batteries or 3 x AA-rechargeable batteries	04.00190.0022
Replacement antenna for 420 - 480 MHz and 850 - 950 MHz	04.00115.0010
Replacement antenna – increased range for 440 - 470 MHz (also suitable for 434 MHz systems)	04.00115.0013
Extension piece for antenna with magnetic feet, 16 ft (e. g. installation in container)	04.00115.0011
Battery recharger Voltage range: 9 - 36 V DC Wall power supply: 100 - 240 V AC for Abitron-Akkus 3,6 V NiMH with US-plug, incl. Euro-, UK- and AUS-Adapter for standard rechargeable batteries and Ex version rechargeable batteries	04.01330.0036
Battery recharger Voltage range: 9 - 36 V DC for Abitron rechargeable battery: 3,6 V NiMH cigarette lighter-plug for standard rechargeable batteries and Ex version rechargeable batteries	04.01330.0037
Tether as replacement	04.01461.0010
4 x Magnetic feet for receiver (single, if required)	04.02710.0046

