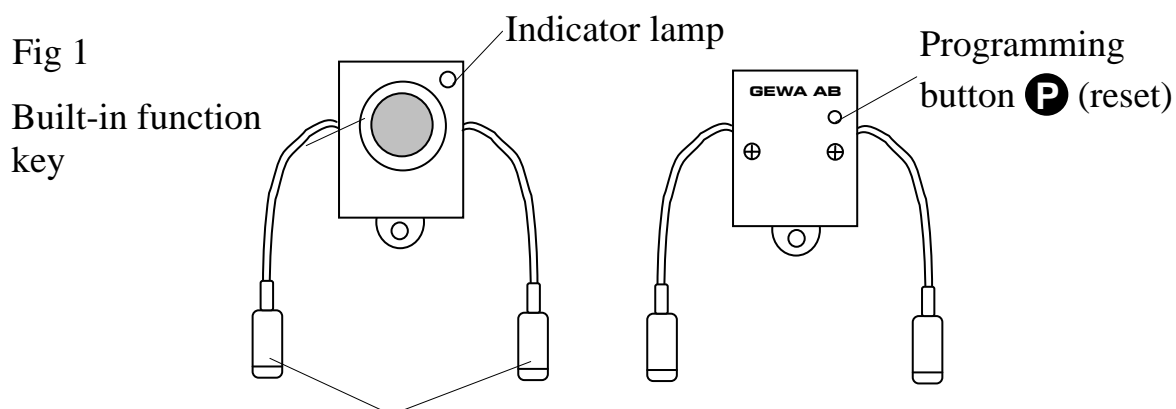# User Manual
IR-3SP Micro Jack

Introduction

IR-3SP Micro Jack is a programmable IR transmitter, which can learn three different channels from another remote control for TV, VCR, stereo etc. It has two outlets for connection of two external control switches. IR-3SP Micro Jack is a part of the Gewa "Smart House" concept and can therefore be used together with the complete range.

General information about IR-3SP Micro Jack

Before using the IR-3SP there are certain things you should know.

- On delivery the Gewa Link channels (channels 16, 17, 18) are factory programmed, this means that it is possible to use the transmitter as soon as a battery has been inserted. See section "Inserting the Battery".

- For programming press the programming button, (using a pen tip or other narrow object) **at the same time** as you press a function key.

- If you press the wrong key or make a mistake during programming, you can press the programming button **P** to reset.

- It is important not to wait too long between the different steps in the programming mode. After a certain time the IR-3SP automatically leaves the programming state to save power.

- 3.0 as a superscript indicates the IR-3SP version.

Figure 1 shows various terms and functions, which will be found in the text.

Fig 1

Built-in function key

Indicator lamp

Programming button **P** (reset)

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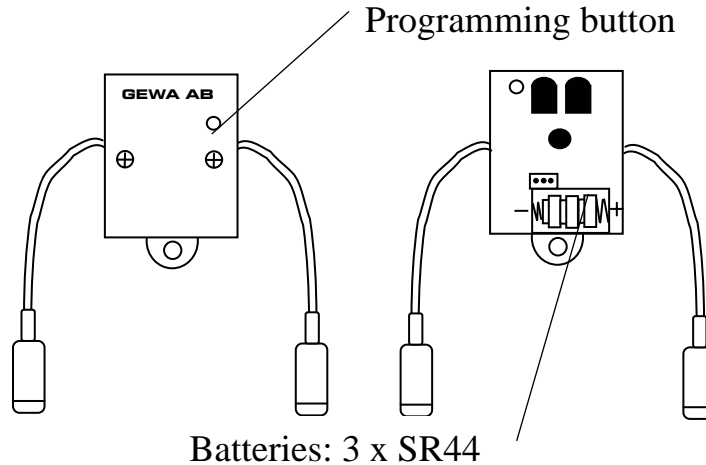For connection of external control switches with 3.5 mm phone plug

The following symbols will occur in the text:

P = Programming button
O = Function key on the IR-3SP
Y = Any transmitter key to be learned

Inserting batteries

Unscrew the screws holding the bottom of the IR-3SP using a Phillips screwdriver. Remove the bottom and insert three 1.5V silver oxide batteries type SR44. Insert the batteries according to the markings on the bottom of the battery compartment. Be sure to observe the polarity! It is important to use specified batteries for maximum transmission range. When you have inserted the new batteries, **press the programming button** on the underside.

Programming button

Fig 2

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Batteries: 3 x SR44

Replicating Channels from another Transmitter

The IR-3SP can learn three different channels, one channel for the built-in function key and two channels for the external control switches.
Do as follows to program the new channels:

1. Make sure the batteries in both transmitters have full capacity. Do not expose the transmitters to direct light (e.g. sunlight) during programming.

2. Press the programming button and the function button (A) at the same time on IR-3SP. IR-3SP is now in programming position.

Fig 3

3. Place the original transmitter facing the front of IR-3SP (fig 3).
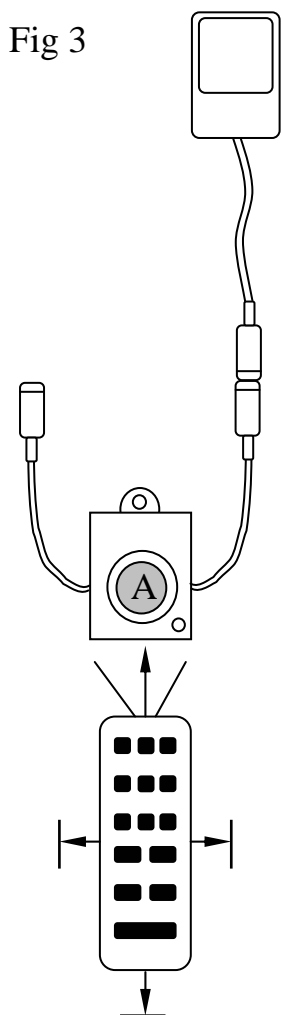
   To check that the transmitters are in the right position, keep any key pressed on the original transmitter and move the original transmitter to the left and right until the indicator lamp goes out. Then move the original transmitter backwards until the indicator lamp goes out (one metre for some transmitters). Place the original transmitter at the centre of these maximum range positions. Certain types of transmitters only emit a short flash each time the key is pressed. In these cases, press several times.

4. Press and release the function key/control switch on the IR-3SP, which is to be programmed. The indicator lamp now emits a steady red light.

5. Choose a key on the original transmitter and press it and keep it pressed, this programmes the signal into the IR-3SP. Release the key when the indicator lamp goes out. It might take up to 10 seconds. If the indicator lamp turns red again then press the key again until it goes out.

6. Now test the programmed functions on the target device.
   Programming: **P** + **O**, **O**, **Y**

[3.0] **Tip!** IR-3SP can record codes from most IR transmitters on the market with a few exceptions. You may have problems with a few or all of the functions for a certain IR transmitter. In these cases it is possible to use another recording method. Instead, do as follows in step 2; Press the programming button and the function button (A) at the same time but keep them pressed for approximately 2 seconds. IR-3SP is now in another recording mode. Otherwise use the same recording procedure.

Mounting

IR-3SP can be used hanging on a strap around the neck. Remove the string lock from the neck strap and pass the neck strap through the attachment loop on the transmitter. Replace the string lock and adjust the length of the neck strap.

| **Warning!** |
| The string lock is a safety detail for the prevention of strangling. Check that the neck strap ends can easily be drawn out if the transmitter gets caught on something. Never make knots on the neck strap! |

IR-3SP can also be equipped with clips (article number 401130) which make it possible to attach it to a belt or pocket. Clips can be obtained from Gewa AB or a Gewa retailer.

Cleaning

To clean IR-3SP, wet a cloth in a weak solution of washing up liquid and water, wring out thoroughly and wipe.

Where to use Gewa IR-3SP

IR-3SP is designed for indoor and outdoor environments. Whilst it will withstand the effect of light shower it is not waterproof and should be kept as dry as possible. If IR-3SP gets wet it should not be used until it has dried out thoroughly.

Accessories

Accessories Accompanying IR-3SP

Art. no	Denomination	Description	Qty
890400	Neck strap	Allows IR-3SP to be carried around the neck	1

Other IR-3SP Accessories

Art. no	Denomination	Description
8383	Battery SR44	Battery 1.5 V Silver oxide
401130	Clip	To attach IR-3SP to a belt

Technical Data

Power consumption (stand-by):	Approx. 10 µA
Power consumption (transmitting):	Approx. 10 mA (GewaLink-channel)
Battery life:	Approx. 1 year (transmission time approx. 30 seconds/day using GewaLink channels)
Key force:	Approx. 1.7 N (170 gr.)
Range:	10-15 m (GewaLink channels)
Measurements (L x W x H):	51 x 36 x 16 mm
Weight (batteries excluded):	25 gr.
Operating temperature (not valid for batteries):	-20° – +45°C
Product life:	6 years

Conformity with the Medical Devices Directive

IR-3SP is marketed as a technical aid for people with disabilities and meets the requirements in Medical Devices Directive 93/42/EEC including relevant EMC and electrical safety requirements.

$C\epsilon$

Gewa AB