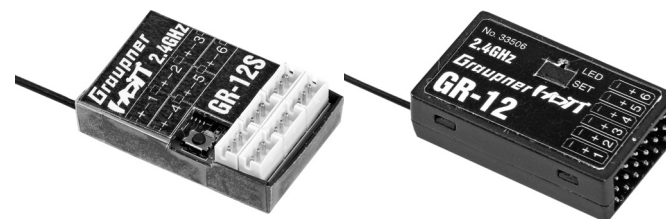


Manual

33505 Receiver GR-12S HoTT
 33506 Receiver GR-12 HoTT



Graupner GmbH & Co. KG
 Henriettenstraße 94 – 96
 D-73230 Kirchheim/Teck
 Germany
 www.graupner.de

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Specifications and availability subject to change. Supplied through specialist model shops only. We will gladly inform you of your nearest supplier. We accept no liability for printing errors.

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HoTT 1.0 / March 2011 - EN V1.2

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Manual V1.2
 Revision: March 2011

Wir gewähren auf dieses Erzeugnis eine / This product is / Sur ce produit nous accordons une

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warrantied for
garantie de **24** Monaten
months
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Garantie-Urkunde

Warranty certificate / Certificate de garantie

33505 Receiver GR-12S
33506 Receiver GR-12

Übergabedatum
Date of purchase/delivery
Date of remise

Name des Käufers
Owner's name
Nom de l'acheteur

Straße, Wohnort
Complete adress
Domicile et rue

Servicestellen / Service / Service après-vente

Graupner-Zentralservice
Graupner GmbH & Co. KG
Henriettenstrasse 94-96
D-73230 Kirchheim / Teck

Servicehotline
(+49) 01805 47 28 76
Montag - Freitag 7:30 - 11:45
und 12:30 - 16:00 Uhr

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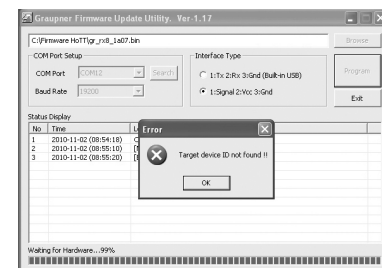
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(+39) 30 25 22 73 2

Firmenstempel und Unterschrift
des Einzelhändlers
Stamp and signature of dealer
Cachet de la firme et signature
du détaillant

Press the "Program" button in the software. Wait briefly until you see movement in the progress bar. This make take up to five seconds, depending on the computer.

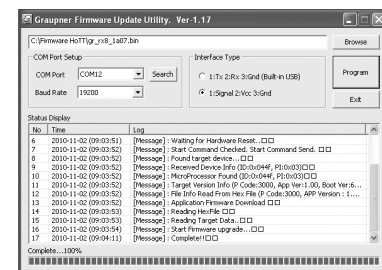
Receiver: press the SET button, and switch the receiver on while you hold it pressed in.



After a few seconds the Status screen displays the message "Found target device..."; you can now release the button, and the firmware update process commences.

If the device is not recognised, if the pop-up window "Target device ID not found" appears, or if the process fails before 100% is reached, you must restart the update procedure. Repeat all the steps as described above.

The Status display and the Progress bar show the progress of the firmware update. The update is completed when the message "Complete...100%" or "Complete!!" appears.



During the update process both LEDs on the transmitter glow constantly. When it is complete, the red LED goes out and you will hear a brief confirmation melody. The green LED on the receiver also light up; when the process is complete, the green LED starts flashing.

Switch your transmitter / receiver off, and disconnect the adapter lead.

Caution: after completing an update process, you must initialise the device before using it, i.e. reset it to the factory default values.

Initialisation:

Transmitter: To initialise the system, i.e. to reset it to the factory default settings, locate the BIND / RANGE button on the back of the transmitter, hold it pressed in while you switch the transmitter on, then release the BIND / RANGE button again.

Receiver: Press and hold the SET button on the receiver, switch it on, and release the SET button again. After about two or three seconds the green LED on the receiver lights up to confirm that your radio control system has been re-initialised.

Please note:

The initialisation procedure erases ALL the settings you have entered. Where necessary, you will need to program your preferred settings again.

When initialisation is complete, the transmitter will be in Fail-Safe set-up mode. You can therefore immediately continue by programming your fail-safe settings.

If you previously set your transmitter's Country setting to "France" mode, you must also re-enter the Country setting.

Please refer to the appropriate section in your RC system instructions for the procedure.

Any settings you have entered using the SMART-BOX are also lost when you initialise the receiver. If you carry out a receiver firmware update, you will need to re-enter these settings.

The latest version of these instructions can be found at www.graupner.de

DECLARATION OF CONFORMITY

**Konformitätserklärung gemäß dem Gesetz über Funkanlagen und
Telekommunikationsendeinrichtungen (FTEG) und der Richtlinie 1999/5/EG (R&TTE)**
Declaration of Conformity in accordance with the Radio and Telecommunications Terminal Equipment
Act (FTEG) and Directive 1999/5/EG (R&TTE)

Graupner GmbH & Co. KG
Henriettenstraße 94-96
D-73230 Kirchheim/Teck

erklärt, dass das Produkt:
declares that the product

**mx-12 HoTT - No. 4754, mx-16 HoTT - No. 4755,
GR-12S HoTT - No. 33505, GR-12 HoTT - No. 33506,
GR-16 HoTT - No. 33508, GR-24 HoTT - No. 33512,
GR-32 HoTT - No. 33516**

Geräteklasse: **2**
Equipment class

den grundlegenden Anforderungen des § 3 und den übrigen einschlägigen Bestimmungen des
FTEG (Artikel 3 der R&TTE) entspricht.
complies with the essential requirements of § 3 and the other relevant provisions of the FTEG (Article 3 of the
R&TTE Directive).

Angewendete harmonisierte Normen:
Harmonised standards applied

EN 60950:2006	Gesundheit und Sicherheit gemäß § 3 (1) 1. (Artikel 3 (1)a) Health and safety requirements pursuant to § 3 (1) 1. (Article 3 (1) a)
EN 301 489-1 V1.7.1 EN 301 489-3 V1.4.1	Schutzanforderungen in Bezug auf elektromagnetische Verträglichkeit § 3 (1) 2, Artikel 3 (1) b)) Protection requirement concernig electromagnetic compatibility § 3 (1) 2, Artikel 3 (1) b))
EN 300 328 V1.7.1	Maßnahmen zur effizienten Nutzung des Frequenzspektrums § 3 (2) (Artikel 3 (2)) Measures for the efficient use of the radio frequency spectrum § 3 (2) (Article 3 (2))



Kirchheim, 08. Dezember 2010

Stefan Graupner, Geschäftsführer
Stefan Graupner, Managing Director

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Tel: 07021/722-0 Fax: 07021/722-188 EMail: info@graupner.de

ENVIRONMENTAL PROTECTION NOTES



When this product comes to the end of its useful life, you must not dispose of it in the ordinary domestic waste. The correct method of disposal is to take it to your local collection point for recycling electrical and electronic equipment. The symbol shown here, which may be found on the product itself, in the operating instructions or on the packaging, indicates that this is the case.

Individual markings indicate which materials can be recycled and re-used. You can make an important contribution to the protection of our common environment by re-using the product, recycling the basic materials or recycling redundant equipment in other ways.

Remove batteries from your device and dispose of them at your local collection point for batteries.

In case of R/C models, you have to remove electronic parts like servos, receiver, or speed controller from the product in question, and these parts must be disposed of with a corresponding collection point for electrical scrap.

If you don't know the location of your nearest disposal centre, please enquire at your local council office.