

Helmut's HO Service Form

DATE: _____

Received date: _____

Has address or other information changed recently? Y/N _____

Name: _____

BILLING Address: _____

City: _____ **State:** _____ **Zip Code:** _____

Country: _____

DAYTIME contact phone number: _____

E-Mail Address: _____

Payment Type: Check Credit Card **NO AMEX or Discover**

Card Number: _____ Exp: _____

3-digit code: _____

General Service Information: Fill in the information in the table below. List up to five items per form, one article per line. Use back of form if additional room is needed or attach a note.

PLEASE SUPPLY THE ADDRESS OF YOUR DIGITAL LOCOMOTIVE!! Digital locomotives received without the decoder address listed below will have an additional service charge of \$5.00 added to the invoice for the time required to figure out the address. This includes MFX locomotives which have a two digit Motorola address set at the factory which can be found in the instruction manual.

Make	Item Number/Description	Digital Address	Requested Service		Known issues, defects or other information or requests
			Overhaul	Digital Conversion	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	
			<input type="checkbox"/>	<input type="checkbox"/>	

All locomotives received for general overhaul and digital conversion are completely disassembled, cleaned and reassembled with fresh lubrication, traction tires and brushes. Pick-up shoes are replaced as necessary. This is the only way to ensure factory quality performance especially when installing digital decoders. Everything must be 100% mechanically for absolute peak performance. Labor for most overhauls and digital conversions is \$65.00-\$97.50. Complex locomotives, locomotives with extreme wear and conversions with telex, multiple motors or those which require additional programming may be higher and labor for these is billed based on the actual work time @ \$65.00/hr billed in 1/10 hour increments.

Complete page 2 ONLY if you are having your locomotive (s) converted to digital.

Digital Conversion Information:

Märklin Digital Conversion Options (3-rail AC)

Conversion Type: Non-sound Sound

Decoder Selection: We will install the appropriate ESU decoder for your locomotive and use the latest version and sound files available. All ESU version 5 decoders are compatible with DCC, Märklin Motorola, Selectrix and MFX formats. See the Service Section of our website for pricing. (all installations without a high efficiency propulsion motor already installed require a high efficiency propulsion motor kit @ \$35.00*) * motor kit includes: field, armature, cover, brushes, chokes. 30mA, bulbs, sockets, screws and decoder mount are additional as needed.

Please select a two-digit Motorola address 01-80 to be assigned to your locomotive

An **mfx** decoder preloads locomotive address and function information into the ESU ECoS, Märklin Central Station and Mobile Station automatically when the locomotive is placed on the track for the first time. This technology does not work the same with the Märklin 6021. However, an mfx equipped locomotive can still be run with the 6021 when using its two-digit Motorola address.

DCC Digital Conversion Options (2-rail DC)

Conversion Type: Non-sound Sound Special functions (attach details)

Decoder Selection: We will install the appropriate ESU decoder (or other as requested) for your locomotive and use the latest version and sound files available. All ESU version 5 decoders are multi-protocol and are compatible with DCC, Märklin Motorola, Selectrix and MFX formats. See the Service Section of our website for pricing. We typically install DCC format only decoders in 2-rail DC locomotives at a cost savings over the multi-protocol decoders.

Please select a two or four digit address to be assigned to your DCC loco