

ASTRO-PHYSICS

Special Mount Pricing for GTOCP4 Owners

Limited Time Only!

If you have already purchased a GTOCP4 as an upgrade to your Astro-Physics mount, we offer this special opportunity to upgrade to a new mount with all the current features, including the Auto-Adjust Motor/ Gearboxes. If you are upgrading from a 400GTO, 600EGTO, 900GTO or 1200GTO, you will find that the newer mounts provide a more robust imaging platform.

Click on the links below for the mount that best suits your current needs. The mount will not include the GTOCP4 or Power Cable since you already have them.

The price that you paid us for your GTOCP4 Control Box will be deducted from the price of the mount as shown below.

The table below shows the current price of each mount. Consult the appropriate column if you purchased your GTOCP4 for \$995 or for \$700 during the *Best Deal Ever* promotion. If your purchase price is not listed here, contact Astro-Physics.

Mount	Full Price	\$995 Discount	\$700 Discount
Mach1GTO	\$5,490	\$4,495	\$4,790
1100GTO	\$7,970	\$6,975	\$7,270
1600GTO	\$10,870	\$9,875	\$10,170
1100GTO-AE	\$14,196	\$13,201	\$13,496
1100GTO-AEL	\$14,961	\$13,966	\$14,261
1600GTO with <u>Absolute Encoders - Standard Temp</u>	\$17,085	\$16,090	\$16,385
1600GTO with <u>Absolute Encoders - Extended Temp</u>	\$17,880	\$16,885	\$17,180

Normal shipping charges also apply:

Mach1GTO: \$150 to 48 contiguous states, inquire for other destinations

1100GTO: \$200 to 48 contiguous states, inquire for other destinations

1600GTO: \$250 to 48 contiguous states, inquire for other destinations

If you normally work with a dealer, we will provide the appropriate discount to them to pass on to you. They will not be able to provide you a price until they check with us first.

If you would like to order a Mach1GTO, 1100GTO or 1600GTO at a discounted price to use with your GTOCP4, please refer to the information below.

PEM Curve

You may recall from our website that we perform extensive testing of each mount to be sure that the native PE (periodic error) does not exceed our specifications. After the native PE is established, we then create a corrected PE curve that we download into the control box for that mount. Since you already have the GTOCP4 control box, we offer two options:

PEM curve downloaded at Astro-Physics.

If you would like us to load a corrected PE (periodic error) curve into your present GTOCP4 control box, you will have to send it to us so that we can use it in our testing procedure as we complete your mount. Unfortunately, it is not possible to send you the curve to load into your CP4 due to the memory storage location. We must have the box here.

When your control box is here, we will load a corrected PE curve, be sure that you have the most recent software and change the “personality”, if needed. If you ship your control box here, there will be a \$75 charge and you will need to obtain a Return Authorization number when you place your order. Do NOT send your power cable.

PEM curve established with PEMPro or the Keypad after you receive your mount.

In most cases, it is not necessary or convenient for you to ship your CP4 to us. If you are familiar with PEMPro or the Keypad routine, we encourage you to optimize the periodic error correction of your mount once you receive it. Establishing your own PEM curve is definitely the best approach if you are outside of the U.S. or if your present mount is being used extensively and downtime would be detrimental to your imaging program

Remember that PEMPro is included with your purchase of the 1100GTO and 1600GTO mounts. If you purchase a Mach1GTO and don't have PEMPro, it can be purchased from CCDWare.com. Many of you already have the Keypad, which has its own correction routine.

Mount Personality

Each control box is programmed with the parameters required for each mount. We refer to this as the “personality” of the mount. When you purchased your GTOCP4, there was a 3-digit number that was included in the part number, i.e. GTOCP4-110.

If your control box will be used with another mount, we must be sure that it is set with the correct personality.

- If your GTOCP4 is presently used with a 900GTO or 1200GTO it already has the same personality as the Mach1GTO, 1100GTO or 1600GTO and no changes are needed. There are additional considerations for a mount with Absolute Encoders, so please inquire.

- If your GTOCP4 is used with the 400GTO, 600EGTO or any other mount, the personality will have to be changed so that the gear ratio is correct. We can send you a script that will enable you to change the personality yourself.

Order Procedure

- Contact Astro-Physics (or your dealer) to place your order.
- Provide the serial number of the GTOCP4 that you plan to use with the mount. We will check our records to confirm if the “personality” setting of your control box is compatible with your new mount or if the setting must change. We will also confirm your original discount.
- We will apply the appropriate discount based on your GTOPC4 purchase.
- Obtain an RA number if you plan to return your GTOCP4 to be updated (if needed) and the corrected PE curve downloaded into your control box. Remember that there will be an additional charge if you choose this option.

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