



True precision – for your astronomical future

Pricelist 03/2017

ANDROMEDA Ltd.

Item-No. Description

EURO без ДДС

IMPORTANT NOTE

All mounts distributed by us may only be powered by our power supplies or with power supplies authorized for use by us. Damage caused by usage of improper, unauthorized power supplies or voltage inverters will lead to a chargeable repair and/or may void the warranty.

HPS Mounts

Standard configuration of all HPS Mounts

- 4-Lines Stand-Alone Keypad with metal housing and heated screen (#1452059)
- embedded Computer Controller with Linux Management System for complete remote use of the mount incl. all functions such as satellite tracking, lunar tracking speed and more
- **Interface:** RS232, Ethernet, Wi-Fi
- **Connectors for:** GPS, Autoguider, Keypad, Mount, Aux and Remote Switch
- Latest QCI software (Version 2.x)
- Connection cables, counterweight bar
- **PC Software:** Virtual Keypad, Clock Sync Tool, Multi Mount modelling, ASCOM Driver
- Instruction manual

1451000	<p>GM 1000 HPS Equatorial Mount Head with high precision Absolute-Encoders on both axis, Standard Package</p> <p>In addition to above-named standard configuration</p> <ul style="list-style-type: none"> • 1451090 Tripod-Pillar Adapter • 1451092 Standard base adapter flange • 1451066 High density foam fitted transport cardboard box. 	7 126,05 €
1451026	<p>Upgrade-Package "Professional" for GM 1000 HPS consisting of the following accessories:</p> <ul style="list-style-type: none"> • 1452072/1452073 Counterweight set of 3kg and 6kg, stainless steel • ARIES Aluminium Tripod (complete with upholstered Cordura transport-bag) • 1451050 Mounting for Laserpointer (laser not included) • 1451062 Hardcase-Set from TTX01® (2 pcs), total protection against water, dust, chemicals, impact & drop • 1451070 Power-Supply outdoor type 230V / 24V- 4A - 90W • 1455010 PERSEUS Software Package 	2 420,17 €
1451025	<p>Upgrade-Package "Economy" for GM 1000 HPS consisting of the following accessories:</p> <ul style="list-style-type: none"> • 1452072/1452073 Counterweight set of 3kg and 6kg, stainless steel • 2451010 Black Baader Aluminium T-Pod 110mm • 1451050 Mounting for Laserpointer (laser not included) • 1451062 Hardcase-Set from TTX01® (2 pcs), total protection against water, dust, chemicals, impact & drop • 1451070 Power-Supply outdoor type 230V / 24V- 4A - 90W • 1455010 PERSEUS Software Package 	1 634,45 €
1452020	<p>GM 2000 HPS II „Monolith“ Equatorial Mount Head with high precision Absolute-Encoders on both axis, Standard Package</p> <p>In addition to above-named standard configuration</p> <ul style="list-style-type: none"> • 1452066 Special foam fitted transport cardboard box. • 1452095 Standard base adapter flange 	10 823,53 €

Item-No.	Description	EURO без ДДС
1452026	Upgrade-Package "Professional" for GM 2000 (QCI/HPS) „Monolith“ consisting of the following accessories: <ul style="list-style-type: none"> • 1452075/1452080 Counterweight set of 6kg and 12kg - stainless steel • 1452085 Losmandy-compatible dovetail plate • 1452057 Centaurus II Tripod, complete with upholstered Cordura transport-bag • 1452062H Head- and Counterweight-Flight-Case, set for MONOLITH - QCI from TTX01® (2 pc) • 1455010 PERSEUS Software Package • 1452070 Power-Supply outdoor type 230V / 27V 280W 	4 029,41 €
1452020U	GM 2000 HPS II „Ultraport“ Equatorial Mount Head with high precision Absolute-Encoders on both axis, Standard Package Separable into Dec and RA axis for easy carrying and assembly In addition to above-named standard configuration <ul style="list-style-type: none"> • 1452066 Special foam fitted transport cardboard box. • 1452095 Standard base adapter flange 	11 252,10 €
1452026U	Upgrade-Package "Professional" for GM 2000 (QCI/HPS) „Ultraport“ consisting of the following accessories: <ul style="list-style-type: none"> • 1452075/1452080 Counterweight set of 6kg and 12kg - stainless steel • 1452085 Losmandy-compatible dovetail plate • 1452057 Centaurus II Tripod, complete with upholstered Cordura transport-bag • 1452063H Professional "Flight-Case"-set for GM 2000 QCI/HPS (Ultraport) from TTX01® (3 pcs) • 1455010 PERSEUS Software Package • 1452070 Power-Supply outdoor type 230V / 27V 280W 	4 197,48 €
1453000	GM 3000 HPS Equatorial Mount Head with high precision Absolute-Encoders on both axis	13 642,86 €
1454010	GM 4000 HPS II Equatorial Mount Head with high precision Absolute-Encoders on both axis	20 802,52 €
QCI Mounts		
1452000U	GM 2000 QCI "Ultraport" Equatorial Mount Head, Standard Package Separable into Dec and RA axis for easy carrying and assembly <ul style="list-style-type: none"> • Motor control box with built-in Linux-processor • Up-to-date QCI software (version 2.x) • Cables, counterweight bar • 1452061 Standard Keypad with 2-lines display in plastic housing • 1452066 Special foam fitted transport cardboard box. • 1452095 Standard base adapter flange 	9 264,71 €
1452026U	Upgrade-Package "Professional" for GM 2000 (QCI/HPS) „Ultraport“ consisting of the following accessories: <ul style="list-style-type: none"> • 1452075/1452080 Counterweight set of 6kg and 12kg - stainless steel • 1452085 Losmandy-compatible dovetail plate • 1452057 Centaurus II Tripod, complete with upholstered Cordura transport-bag • 1452063H Professional "Flight-Case"-set for GM 2000 QCI/HPS (Ultraport) from TTX01® (3 pcs) • 1455010 PERSEUS Software Package • 1452070 Power-Supply outdoor type 230V / 27V 280W 	4 197,48 €
1454000	GM 4000 QCI Equatorial Mount, Standard Package Maximum load capacity: 150kg pure instrument load capacity Optimum load capacity: 125kg instrument load capacity (necessary counterweights must be added) <ul style="list-style-type: none"> • Motor control box with built-in Linux-processor • Up-to-date QCI software (version 2.x) • Cables, counterweight bar • 1452061 Standard Keypad with 2-lines display in plastic housing 	16 798,32 €

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AZ Mounts		
1452900	AZ 2000 HPS Altazimuthal Mount with absolute axis-encoders and high performance motor drives 50kg payload capacity NEW	10 823,53 €
1456500	AZ 5000 DDS New Generation robotic fork mount, altazimuthal configuration with optional derotator/focuser, direct drive motor system, suitable for optical tubes up to 26", 250kg payload capacity NEU	on request
1456800	AZ 8000 DDS New Generation robotic fork mount, altazimuthal configuration with Nasmyth configuration, optional derotator/focuser, direct drive motor system, suitable for optical tubes up to 40", 700kg payload capacity NEU	on request
Leonardo Mounts		
1450100B	Leonardo BM100 Black (Bino Mount 100)	1 886,55 €
1450100R	Leonardo BM100 Red (Bino Mount 100) Configuration of Leonardo BM100 black/red • Counterweight Shaft • Counterweight 3kg • Handle - can be for attached left or right handed handling • Adapter flange for tripod/columns • Shipping Box with foam	1 886,55 €
Accessories for Leonardo Mounts		
1450167	Lightweight Transportation Bag for Leonardo from black cordura	142,02 €
1450185	44mm dovetail clamp for Leonardo adaptable to Vixen, Syntha, Celestron	77,31 €
2451010	Black Baader Aluminium T-Pod 110mm for GM 1000/Leonardo	626,05 €
1452072	Counterweight for GM 1000/Leonardo, 3kg , stainless steel	79,83 €
1452073	Counterweight for GM 1000/Leonardo, 6kg , stainless steel	125,21 €
Accessories for GM Mounts		
1454105	GPS receiver module with connector for GM 1000, 2000, 3000 and 4000	130,25 €
1482010	Stickstation - Blue Astro USB Weather Station	79,83 €
2455040	Network cable with ColdTemp-specified CAT 7 wire , (CAT6a plug), 5m long, red jacket, especially suited for observatories. NEW	54,62 €
2455041	Network cable with ColdTemp-specified CAT 7 wire , (CAT6a plug), 15m long, red jacket, especially suited for observatories. NEW	63,03 €
2455042	Network cable with ColdTemp-specified CAT 7 wire , (CAT6a plug), 30m long, red jacket, especially suited for observatories. NEW	71,43 €
1455010	PC Planetarium- and Telescope control Software "Perseus"	126,05 €
Accessories for GM 1000 Mounts		
2450070	Baader RA/DEC-Torque Wrench for 10Micron/GM 1000	10,50 €
1452072	Counterweight for GM 1000/Leonardo, 3kg , stainless steel	79,83 €
1452073	Counterweight for GM 1000/Leonardo, 6kg , stainless steel	125,21 €
1451072	Extended connector cable from mount to control box, for GM 1000/2000, length 2.5m longer cables not available due to risk of signal loss	134,45 €
1451070	Stabilized Power-Supply for GM 1000 3/5A 24V	138,66 €
2457577A	Power converter 12V/24V 5Ah with car plug for GM 1000/GM 2000 10Micron power converter 12V input, 24V 5Ah (120 W) output. Suitable ONLY for car batteries with 12V. Not to use with 12V power supplies.	89,08 €
1451050	Mounting for Laserpointer for GM 1000 (laser not included)	58,82 €
1451011	Control box holder for round steel pillar for fixing the control box to a round d. 150 mm pillar	179,83 €

Item-No.	Description	EURO без ДДС
1451092	Standard Base adapter flange for GM 1000 black anodized aluminium, incl. knobs, screws and azimuth block. For adaption onto Tripods and pillars from other brands. Included in the scope of delivery of the GM 1000 HPS #1451000	205,88 €
1451045	90° change plate for 3" LODUAL double mounting plates on GM 1000 - (special dovetail adapter 90° changeplate to mount the LODUAL double mount plate #1452105 on GM1000 - necessary due the absolute encoder fixed home position)	205,88 €
1451012	Half Pillar for GM1000 HPS, height 130mm NEW for more clearance between tripod/pier and optics	327,73 €
1451090	Tripod adapter flange for GM1000 Included in the scope of delivery of the GM 1000 HPS #1451000	71,43 €
1451091	Adapter to attach GM 1000 onto a Centaurus II Tripod	159,66 €
1451065	Mounting-Head Protective Cover for GM 1000 (Cordura)	68,91 €
1451062	Hardcase-Set from TTX01® (2 pcs), total protection against water, dust, chemicals, impact & drop	631,93 €
1451063	Professional "Flight-Case"-set for GM 1000, Mount- and Counterweight-Flight-Case set (2 pcs - trolley + hand case) with aluminium-reinforced edges - available on request	878,15 €
1451067	Lightweight Transportation Bag for GM 1000 from Cordura, fitting the foam cuttings from the transportation box #1451066	130,25 €
1451066	Heavy transport cardboard box for GM 1000 with high density foam-fitting and handles for a safe shipping. Included in the scope of delivery of the GM 1000 HPS #1451000	84,03 €
Accessories for GM 2000 Mounts		
1452075	Counterweight for GM 2000, 6kg, stainless steel	113,45 €
1452080	Counterweight for GM 2000, 12kg, stainless steel	155,46 €
1452125	3" Dovetail bar 300mm flat, w/o holes	83,19 €
1452130	3" Dovetail bar 400mm flat, w/o holes	88,24 €
1452131	3" Dovetail bar 500mm flat, w/o holes	105,04 €
1452105	3" LODUAL double mounting plate, balancing design, with 2 pcs. 3" dovetail clamps #1452085 for mounting of two telescopes	407,56 €
1452085	3" Dovetail Clamp for GM 2000, 200mm long, 10Micron Losmandy-style	172,27 €
1452086	3" Dovetail Clamp for GM 2000, 345mm long, 10Micron Losmandy-style	216,81 €
1452140	4" Dovetail bar for „Maxi“-dovetail clamp, 400mm long (#1452135)	102,52 €
1452141	4" Dovetail bar for „Maxi“-dovetail clamp, 500mm long (#1452135)	121,85 €
1452135	4" MAXI-dovetail clamp for GM 2000 with two security locking knobs, 250mm long. Requires adapter flange #1454545	189,92 €
1452235	4" MAXI-dovetail clamp for GM 2000 with three security locking knobs, 350mm long NEW	294,12 €
1452100	4" MAXIDUAL Double Mounting Plate incl. 4" clamp, balancing design, with 2 pcs. 3" dovetail clamps #1452085 for mounting of two telescopes	600,84 €
1452101	4" MAXIDUAL XL Double Mounting Plate incl. 4" clamp, balancing design, with 2 pcs. 3" dovetail clamps #1452186 for mounting of two telescopes	689,08 €
2451565	Pan 3"/EQ Dual Dovetail Clamp, fits all 3"-style (Losmandy) and EQ-style (Vixen, Celestron, Skywatcher) dovetail bars, length 370mm, with three two-stage brass clamping blocks and multicontact-counterface	231,09 €
2451566	Pan 3"/EQ Dual Dovetail Clamp, fits all 3"-style (Losmandy) and EQ-style (Vixen, Celestron, Skywatcher) dovetail bars, length 230mm, with 2 two-stage brass clamping blocks and multicontact-counterface	189,08 €
2451525	Pan EQ-Clamp V190, to hold all 44mm EQ standard dovetail bars (Celestron/Skywatcher/Vixen and equivalent), bottom with 3" dovetail, also suitable as 3" to 44mm reducer	163,87 €
1452260	Support for 10 Micron Control Boxes to be mounted on pillar	179,83 €
1452090	Steel Pier Adapter for GM 2000, to mount on top of pillar or leveling flange	113,45 €
1452095	Standard Base adapter flange for GM 2000 black anodized aluminium, incl. knobs, screws and azimuth block. For adaption onto Tripods and pillars from other brands. Included in the scope of delivery of all GM 2000 mounts	245,38 €
1451072	Extended connector cable from mount to control box, for GM 1000/2000, length 2.5m longer cables not available due to risk of signal loss	134,45 €

Item-No.	Description	EURO без ДДС
2457577A	Power converter 12V/24V 5Ah with car plug for GM 1000/GM 2000 10Micron power converter 12V input, 24V 5Ah (120 W) output. Suitable ONLY for car batteries with 12V. Not to use with 12V power supplies.	89,08 €
1452070	Stabilized Power-Supply for GM 2000 and GM 3000 , 240V input / 27V output 280W	172,27 €
1452011	ColdTemp package for GM 2000 "Monolith" mounts NEW Modification package for extended temperature range to -35°C. Not available for retrofitting existing mounts.	1 537,82 €
1452066	Heavy transport cardboard box for GM 2000 with special foam-fitting and handles for a safe shipping. Included in the scope of delivery of all GM 2000 mounts	92,44 €
1452065	Mounting-Head Protective Cover for GM 2000 (Cordura)	73,11 €
1452062	Professional "Flight-Case"-set, only for GM 2000 QCI (Monolith) , Mount- and Counterweight-Flight-Case set (2 pcs - trolley + hand case), aluminium-reinforced edges	1 008,40 €
1452062H	Professional "Flight-Case"-set, only for GM 2000 HPS II (Monolith) from TTX01® Mount- and Counterweight-Flight-Case set (2 pcs - trolley + hand case), aluminium-reinforced	815,13 €
1452063	Professional "Flight-Case"-set for GM 2000 QCI/HPS (Ultraport) , Mount- and Counterweight-Flight-Case set (3 pcs, trolley, hand case), aluminium-reinforced edges	1 172,27 €
1452063H	Professional "Flight-Case"-set for GM 2000 HPS II (Ultraport) from TTX01®, NEW Mount- and Counterweight-Flight-Case set (3 pcs, trolley, hand case), aluminium-reinforced edges	1 021,01 €
Accessories for GM 3000 Mounts		
1452082	Counterweight for GM 3000, 20kg , stainless steel	264,71 €
1453545	Adapter to mount 3" Clamps onto GM 3000 , threaded for 10 Micron clamps or 3" / Pan EQ clamps	205,88 €
1453072	Extended connector cable from mount to control box, for GM 3000/4000, length 2.5m longer cables not available due to risk of signal loss	159,66 €
1452070	Stabilized Power-Supply for GM 2000 and GM 3000 , 240V input / 27V output 280W	172,27 €
1453001	ColdTemp package for GM 3000 mounts NEW Modification package for extended temperature range to -40°C. Not available for retrofitting existing mounts.	2 474,79 €
1452260	Support for 10 Micron Control Boxes to be mounted on pillar	179,83 €
1453090	Steel Pier Adapter for GM 3000 , to mount on top of pillar or leveling flange (mandatory for shipping)	205,88 €
1453100	Shipping wooden pallet-box for GM 3000 (mandatory for shipping)	205,88 €
<p>GM 3000 mandatory shipping KIT - GM 3000 shipping wooden pallet-box (#10M3100) needs Pier adapter (#10M3090), both are necessary items when the mount will be shipped by a forwarder. Shipping charges will be calculated individually for each destination and will be billed separately. The Pier adapter #10M3090 will be needed later when mounting the GM 3000 onto a dual wall Baader Pier or a customised Pier. This strong plate of solid steel (w. centering flange !) is mandatory not only for securing the mount on the pallet during transport but also later to translate the full loading capacity of the mount into the pillar.</p>		
Accessories for GM 4000 Mounts		
1452083	Counterweight for GM 4000, 20kg , stainless steel	264,71 €
1454545	Adapter to mount 3" Clamps onto GM 4000 threaded for 10 Micron clamps or 3" / Pan EQ clamps	205,88 €
1454550	5" dovetail clamp for GM 4000 , strong plate with 3 locking blocks	315,97 €
1454560	5" dovetail bar 500mm for GM 4000	147,90 €
1454540	8" dovetail bar 500mm for GM 4000 , w/o holes	218,49 €
2451555	Baader 8" Clamp (fits Sidewing-System) , suitable for 10Micron/Baader 8" dovetail bar #1454540, Sidewing #2451558, as well as for Planewave OTA's CDK 17, CDK 20 and CDK 24	403,36 €
1453072	Extended connector cable from mount to control box, for GM 3000/4000, length 2.5m longer cables not available due to risk of signal loss	159,66 €
2457645	OTP27V Powersupply for GM 4000 QCI/HPS, AC 240V / DC 27V 22,2A with Sense function to compensate voltage drops in longer cables. Fitting cables with integrated sense lead 2457646 and 2457647	289,92 €
2457646	Special Cable for OTP27V Power Supply (2457645) with integrated sense lead to regulate the Power Supply in case of voltage drops in the long cable. Length 5-10m. Please define the necessary length on your purchase order.	105,04 €
2457647	Special Cable for OTP27V Power Supply (2457645) with integrated Sense lead to regulate the Power Supply in case of voltage drops in the long cable. Length 10-20m. Please define the necessary length on your purchase order.	121,85 €

Item-No.	Description	EURO без ДДС
1454011	ColdTemp package for GM 4000 mounts NEW Modification package for extended temperature range to -40°C. Not available for retrofitting existing mounts.	3 004,20 €
2451558	Baader-Sidewing (use on left or right side) for 8" Clamp #2451555	516,81 €
1500340	Baader Baseplate 400mm for Sidewings, allows amongst other things the adaptation of Baader Guidescope rings (size I, II, and III)	289,92 €
1454090	Steel Pier Adapter for GM 4000 to mount on top of pillar or leveling flange (mandatory for shipping)	214,29 €
2450010	Shipping wooden pallet-box for GM 4000 (mandatory for shipping)	214,29 €

GM 4000 mandatory shipping box: GM 4000 shipping crate (#2450010) needs Pier adapter (#1454090), both are necessary items when the mount will be shipped by a forwarder. Shipping charges will be calculated individually for each destination and will be billed separately. The Pier adapter #1454090 will be needed later when mounting the GM 4000 onto a dual wall Baader Pier (#2451120) or a customised Pier. This strong plate of solid steel (w. centering flange !) is mandatory not only for securing the mount on the pallet during transport but also later to translate the full loading capacity of the mount into the pillar.

Pillars, Tripods and Adapters

2451210	Baader Heavy Steel Pillar for GM 1000 / GM 2000 – length as agreed – conical shape, with inner cabling tubes, weight of empty pillar ca. 100 kg. Requires appropriate leveling flange. Possible heights: 80/100/115/125/135/145/155/165cm	1 386,55 €
2451220	Baader Modal Steel Pillar for GM 3000 / GM 4000 octagonal, dual wall-design, Zeiss FI-analysis, weight of empty pillar ca. 200kg. Requires appropriate leveling flange. Possible heights: 80/100/115/125/135/145/155/165cm	1 890,76 €
2451187	Baader Steel Leveling Flange for GM 1000 fits #1451092 standard base plate and #2451210 steel pillar	315,13 €
2451171	Baader Steel Leveling Flange for GM 2000 and AP-1100 Mount fits #1452095 standard base plate and #2451210 steel pillar	331,93 €
2451186	Baader Steel Leveling Flange for GM 3000 fits #1453090 Pier Adapter and #2451220 modal pillar	334,45 €
2451183	Baader Steel Leveling Flange for GM 3000 with 20° tilt NEW fits #1453090 Pier Adapter and #2451220 modal pillar	537,82 €
2451185	Baader Steel Leveling Flange for GM 4000 fits #1454090 Pier Adapter and #2451220 modal pillar	334,45 €
2451184	Baader Steel Leveling Flange for GM 4000 with 20° tilt NEW fits #1454090 Pier Adapter and #2451220 modal pillar	537,82 €
1452057	Tripod CENTAURUS II, aluminum , complete with upholstered Cordura transport-bag. Weight 21kg, payload 200kg, height 90-135cm, transport dimensions 20x20x100cm. Includes screw patterns for 10 Micron GM 2000 and AstroPhysics mounts	2 584,03 €
1451055	ARIES Aluminium Tripod (complete with upholstered Cordura transport-bag)	1 584,03 €
1452256	Adapter AP 1200/1600 mount for Centaurus tripod	295,00 €
1452258	Adapter AP 900/1100 mount for Centaurus tripod	255,00 €

Add-on Kits and Replacement parts

1451060	Accessory Cordura-Tray for Centaurus II Tripod	31,09 €
1452058	Cable-Set RA/Dec for GM 2000 QCI	82,35 €
1452061	10Micron Standard Keypad with 2-lines display in plastic housing	331,93 €
1452059	10Micron Professional 4-Lines Stand-Alone Keypad from aluminium with heated screen to equip any old mount with firmware 2.x and higher. Included with any new HPS mount.	798,32 €
1455005	Wi-Fi upgrade - integrated board for GM 1000/GM 2000/GM 3000/GM 4000 Wi-Fi connection with access point and routing function, configuration and managing software included, included with new HPS mounts, or as retrofit for older mounts, compatible with mount control box Qtype 2012 series	298,32 €

Prior price lists become invalid with the advent of this price list. Prices given are without engagement.
We reserve the right for errors, technical modifications as well as changes in delivery time.
Prices and conditions are subject to change without notice, unless confirmed by a sales order confirmation.



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