

HydRemote

capture THIS !



Remote Cable for GoPro Hero I and II Cameras

Watertight* cable system to connect your favorite remote triggers to your GoPro Hero and Hero II cameras. Works with 100's of camera wired AND wireless remotes**

*** Optional watertight seal requires drilling a 7/16" or 1/2" hole in a GoPro BacPac door. BacPac door not included.**

**** 2.5mm and 3.5mm remote plug adapters included. Cable works out of the box with many popular Canon style remotes, Pocket Wizards, and similar plug style remotes.**

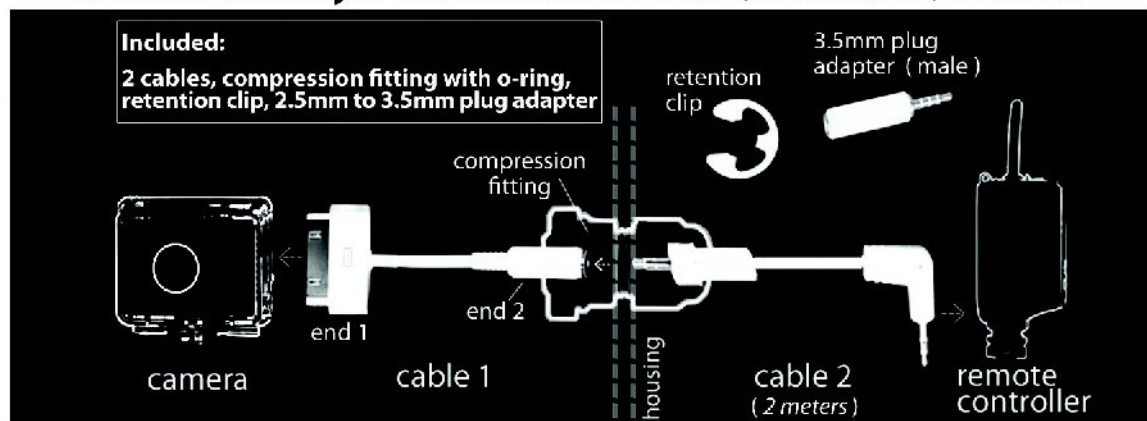
Just add a remote control built for any of these cameras:

Canon EOS: Elan series, Digital Rebel (300D), XT (350D), XTi (400D), XSi (450D), T1i (500D), T2i (550D), T3 (1100D), T3i (600D), T4i (650D) and XS (1000D), 60D;

PowerShot G10, G11, G12 & G1 X / **Contax**: N and 645 / **Hasselblad**: H series

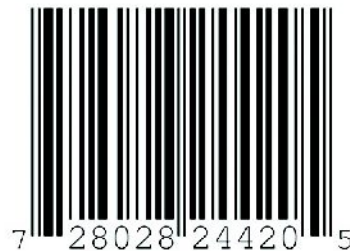
Pentax: K110D, K100D, K200D, K-5, K-7, K10D, K20D, K30, *istDS, DS2, DS, DL2, DL, and D / **Samsung**: NX10, NX20, NX100, NX210 & NX1000; GX-1S, GX-1L, GX-10 & GX-20 / **Sigma**: SD1, SD9, SD10, SD14 & SD15 / or add a **PocketWizard**

Visit us at www.hydremote.com for videos, instructions, & more...



not compatible with GoPro HD Hero 3

remote controller & camera not included



1. INTRODUCTION

Congratulations on the purchase of the HydRemote Cable System. This cable allows you to interface the GoPro HD Hero and HD Hero2 cameras with a variety of remote control devices, both wired and wireless. The HydRemote Cable System allows you to power your camera on and off when used with remote control systems such as the Pocket Wizard. Remote control functionality is achieved by programming the GoPro camera to begin recording or taking photos when the camera is powered on (*aka "One Button Mode"*). Additionally, the HydRemote Cable, when combined with a modified GoPro BacPac door and the supplied compression fittings, becomes watertight.

HydRemote is a 3rd party entity and is not affiliated, sponsored, or endorsed by GoPro or Pocket Wizard.

2. PACKAGE CONTENTS

The standard HydRemote Cable System includes:

- 2 Part Cable (30 pin GoPro and 2.5mm connectors)
- 1 watertight compression fitting with o-ring
- 1 E-clip
- 1 2.5mm to 3.5mm plug adapter
- user manual

3. SYSTEM REQUIREMENTS

- Compatible with GoPro HD Hero and HD Hero2 firmware updates as of the time of this manual publication (January 2013).
- GoPro HD Hero or Hero2 camera with 30 pin port
- Compatible cabled remote control or wireless receiver (ie- Pocket Wizard, Yongnuo,...).
- If a watertight system is desired, a waterproof GoPro BacPac door (*LCD or Battery*) modified to fit the included compression fitting is required. See instructions below and videos at www.hydremote.com for more details.

NOTE: This HydRemote Cable System is not GoPro HD Hero 3 compatible.

4. WARRANTY AND LIMITATION OF LIABILITY

This product is offered to you conditioned upon your acceptance without modification of the terms, conditions, and notices contained.

Exclusive Obligation

Although the HydRemote.com system has been designed for a specific use, consumers are subject to mishap and even injury while using this product. By purchasing our product(s) you hereby RELEASE AND DISCHARGE HydRemote.com and all subsidiaries, owners or proprietors while using HydRemote cables and accessories.

Limitation of Liability

In no event shall HydRemote.com be liable for any direct, indirect, punitive, incidental, special consequential damages whatsoever arising out of or connected with the use or misuse of its product(s). Water tight functionality requires modification of GoPro mounts and/or accessories. The end user makes these modifications at his/her own risk.

HydRemote.com is not liable for any harm caused to cameras or other devices used in conjunction with our product(s). The HydRemote.com cable system is specifically intended for use with GoPro HD Hero and HD Hero2 cameras.

HydRemote.com makes no guarantee that its products will work with any present or future versions of GoPro cameras. Use of the HydRemote cable with GoPro products could void the warranty of those GoPro products. Purchaser assumes all liability for using these products in compliance with all applicable state and federal laws regarding surreptitious audio and or video recording or monitoring.

WARRANTY:

HydRemote.com warrants our products against defects in material or workmanship for a period of 30 days from the original date of purchase of the product by a consumer (the "Warranty Period"). HydRemote.com does not warrant, and is not responsible for, any camera or other device made by anyone other than HydRemote.com. If a material or workmanship defect arises with regard to any HydRemote product, and a valid claim is received within the Warranty

Period, HydRemote will (i) repair the HydRemote product using new or refurbished parts or (ii) replace the HydRemote product with a new or refurbished HydRemote product. For purposes of this limited warranty, "refurbished" means a product or part that has been substantially returned to its original specifications. Except for such repair or replacement, the sale, processing or other handling of this product is without warranty, condition or other liability even though the defect or loss is caused by negligence or other fault. Damage resulting from use, accident, or normal wear and tear is not covered by this or any warranty.

HydRemote.com is not responsible for improper installation, modification, power spikes, or misuse of products. Corrosion due to improper care or salt spray is not covered. Because of possible user resealing error, this product is not warranted against waterhousing leakage or any resulting damage.

Please review and follow the instructions carefully when sealing the water housings! Returns or replacements of parts and/or products may be subject to shipping, handling, replacement and/or restocking fees. HydRemote.com is not responsible for shipping costs associated with warranty returns.

Further details, including our RETURN POLICY, can be found at www.hydremote.com

INSTRUCTIONS:

IMPORTANT: HydRemote is a 3rd party accessory for the GoPro HD Hero and HD Hero2 cameras. As such, there is no guarantee that this device will work with your particular camera. This accessory has been successfully tested with the aforementioned cameras. Use the HydRemote Cable System at your own risk. Use of the HydRemote Cable System could void the warranty of devices to which it attaches.

*Instructional Videos and Tutorials can be found online at **www.hydremote.com***

Watertight capable HydRemote Cables are designed to connect many wired AND wireless remote systems to the GoPro HD Hero and Hero2 cameras set in "One Button Mode". One Button Mode allows your GoPro camera to start recording video or photos as soon as the camera powers on. The GoPro camera remains completely powered off when it

is not recording. This means that your camera can remain dormant for days without draining the battery! The HydRemote Cable is able to power these cameras on or off. **This cable does not act as a traditional shutter button.**

HYDREMOTE CABLE WITH WATERPROOFING:

Please watch the waterproofing installation VIDEO to assure proper preparation of your GoPro BacPac door for waterproof use with the HydRemote Cable. Refer to VIDEO for more detailed instructions (found at www.hydremote.com)

MODIFICATION OF GOPRO BACK DOOR FOR CABLE GLAND (both standard and wrist housing LCD/Battery BacPac doors):

- 1.**Drill a 7/16th inch hole (*or slightly larger*) into the back face your BacPac door, at the end opposite from the GoPro camera's pin connector. Clean off ALL rough burs from both sides of the drilled hole.
- 2.**Remove the foam cushions from the BacPac door.
- 3.**Insert the compression fitting into the BacPac door. A 7/16th hole will require you to moderately thread the fitting to insert it completely. Be sure to use the included o-ring if you plan to expose the cable to extremely wet or submerged conditions.
- 4.**Tighten the inside nut. Do not overtighten, as this could cause the o-ring to lose its seal, and could permanently damage the o-ring. Routinely examine the o-ring(s) to assure they are not cracking or getting brittle. See "Proper Care for O-rings".
- 5.***For additional waterproofing you can glue the Cable 1 end#2 into the compression fitting. This may permanently bond the fitting to your cable, but you should still be able to remove the cable and fitting from the BacPac door.*

CABLE PREPARATION for WATERPROOFING:

- 1.**Connect your modified GoPro BacPac door to the GoPro waterhousing (*refer to GoPro manual for more details*).
- 2.**Examine your HydRemote Cable for any nicks or other damage. Loss of integrity in the cable itself can lead to water leakage and harm to your cables and camera.
- 3.**If using the cable's compression fitting, tightly and fully

- insert Cable 1-end#2 into the inner female portion of the compression fitting.
- 4.**Fit the compression fitting's domed nut onto cable #2.
 - 5.**Carefully place the compression fitting's black o-ring onto Cable 2. The o-ring should be flush with the widest diameter of the male connector (see website video/photo).
 - 6.**Carefully connect Cable 2 into fitting. A slight twisting motion helps prevent trauma to fitting's combed teeth.
 - 7.**To test the watertightness of your system, tighten the compression fitting dome nut around Cable 2. Close the waterproof case **WITHOUT** the camera inside and submerge into a suitable environment. A weighted attachment will be needed to compensate for buoyancy. **IMPORTANT:** Underwater use of the HydRemote system is done at your own risk. **NEVER** use the HydRemote cable to suspend the weight of your camera or housing. When satisfied with your testing, continue to next step...
 - 8.**Set your GoPro camera in one button mode (*refer to GoPro for instructions*). Also program camera's desired sound and led light settings, quality of video, etc...
 - 9.**Connect Cable #1 to the GoPro camera. Be sure to insert the HydRemote connector carefully and **COMPLETELY**. Complete insertion of the connector into the camera is important to minimize stress on the cable when closing the waterhousing.
 - 10.**Carefully close the back door without pinching cable.
 - 11.**Connect the remaining end of the HydRemote Cable #2 to your remote (note: during connection of many transmitters, the camera will power on automatically. Be sure to check your camera status and turn it off with your remote if necessary). The included 2.5mm to 3.5mm adapter is needed for some remote systems.
 - 12.**Trigger your switch to start recording! Hold your switch for 3-4 seconds to turn off the camera.

O-RING MAINTENANCE:

Rinse your sealed camera in fresh water to dissolve and wash away salt crystals. Do not use high pressure. To maintain o-ring and gasket, carefully remove them with a blunt instrument. Clean the o-ring, gasket, and all surfaces which contact them with a lint free cloth. Examine o-ring for any nicks, scratches, or brittleness and replace if needed. Apply small quantity of appropriate o-ring grease to the o-ring. Caution, use of incorrect grease could cause o-ring to deteriorate. Reinsert o-ring onto fitting, being careful not to introduce any contaminants which could compromise the seal. Test watertight functionality. Replacement o-rings (*size -111*) can be found at your local hardware store or online.

HYDREMOTE CABLE with TIMER REMOTE (tips):

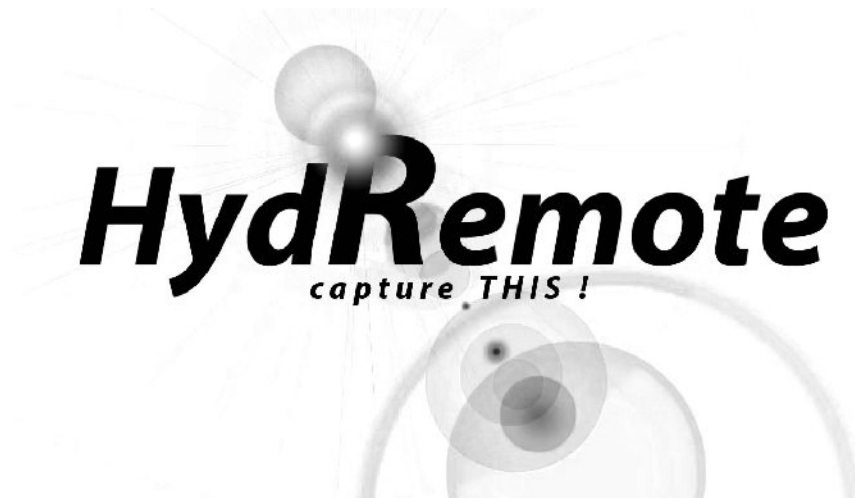
- 1.If you wish to simply turn on the camera at a certain time, program your timer to activate once at the desired time.
- 2.If you wish to turn your camera on and off via the timer, program your timer to take 4 second exposures. Set your start time, and then your interval (*time between shots*). The first 4" exposure should turn on the camera. The next 4" exposure will turn it off. This feature may require some creative thought and results will vary based on the timer remote used. This method is also useful for taking long interval time lapses while conserving camera battery between shots (see video). We have successfully tested this technique using the Yongnuo MC-36R wireless timer remote.

HYDREMOTE CABLE without WATERPROOFING:

OPTION 1: Use a non-waterproof BacPac door and feed the HydRemote cable through the door openings.

OPTION 2: Secure Cable 1 to BacPac door through a 3/8" hole with a 3/8" e-clip (see video).

Alternatively, use no housing at all, or no back door and secure camera to housing with rubber bands or oth



For more information about
HydRemote Cable Systems visit us at

www.hydremote.com

Hydremote's proprietary cable connector
is patent pending