

## **ARCA-SWISS C1 Cube**

The **Cube** is reputed to be one of the best tripod heads in the world and its unique design makes it immediately recognizable.

It is a best seller, and a favourite of the most renowned photographers: its patented design and robustness are acclaimed by the most demanding among them.

The **Cube** is a geared tripod head which provides fine and completely secure positioning of all camera types through a combination of high-precision movements.

### **Efficient, gear-driven tilts**

The perpendicular levelling cradles, each with a tilt range of  $\pm 30^\circ$ , have their axes of rotation close to the optical centre of the camera.

Their adjustment therefore has very little effect on framing and perspective, which means setting-up is now faster than ever. The controls are so easy and instinctive to use that both axes can be adjusted at the same time with a minimum of corrections.

Each axis can be moved by a pair of knobs which can be used together for heavy cameras, or separately when operating in tight spaces.

A separate friction control is provided for each axis, for ease of use when working with the lightest or heaviest of loads.

The **Cube's** geared controls are self-locking, so when a change is needed, simply turn a control knob to make a change then release it.

### **90° Tilt movement:**

With a combination of the base manual tilt and the top geared tilt, the **Cube** can be moved into extreme positions.

A feature of the **C1 Cube** is the ability to open up like a clamshell to allow for vertical shooting without an L-bracket, or to increase the degree to which you can pitch and roll the camera.

The **Cube** base is hinged and is secured with a locking knob. Once unlocked, the **Cube** may be opened manually and relocked at  $60^\circ$  to the horizontal. To achieve the final vertical position, the geared tilt control can fine tune the camera position beyond  $90^\circ$ . Overhead views may be achieved in this same position, using top pan to rotate the camera upwards.

### **Dual Panning mechanisms:**

Manual base panning permits initial alignment of the camera with the subject.

A second, top panning movement sited above the levellers gives precise and stable rotation once all is levelled horizontally. A scale graduated in degrees enables control

of the rotation angle. It is manually operated as standard fit: additionally, two options are available:

- The **gp** option provides a fine geared control of rotation (*gp = geared pan*)
- The **cp** option provides panning in pre-set selectable steps (*cp = clicPan®*)

Both panning mechanisms can be locked with levers.

### **Large and visible level controls:**

Two large, clear and easy-to-read bubble levels are located on the top plate.

### **Solid design and handmade, high-quality assembly:**

The **Cube** is machined from solid, aeronautical quality aluminium which gives lightness and robustness. It weighs around 1 kg (2.2 lb.) and can support a load of up to 40 kg (88 lb.).

**ARCA-SWISS** makes no compromise on quality: the **Cube** is manufactured and assembled by hand with the greatest care to ensure an outstanding experience and many years of pleasure when using it.

### **cp - clicPan® (top panning in angular steps):**

The **clicPan®** is a low-profile and lightweight mechanism which provides a variable interval top panning base. It can be easily switched from free to angular, step-by-step rotation.

10 positions can be selected on a setting ring - 40° (9 steps), 30° (12 steps), 24° (15 steps), 20° (18 steps), 15° (24 steps), 12° (30 steps), 10° (36 steps), 7.5° (48 steps), 6° (60 steps) with an *off* position for free panning movement.

Once a setting is chosen, the camera will pan in equal increments, and give a tactile and audible *clic* as it stops at each set step.

The graduated scale around the edge of the base shows the exact angle turned through and a locking lever prevents further movement of the panning base.

### **flipLock® quick-release:**

The **flipLock®** quick-release has two channels, which make it compatible with Classic ARCA-SWISS plates (the most widely used) as well as plates made to the new, narrower & lighter **monoball®Fix** standard.

When used with **monoball®Fix** plates, two pins on its base prevent any unintended slippage of the camera.

The lever has 3 positions: *open* and *closed*, plus an intermediate position, which allows a plate or rail to be slid into position securely. At this setting, the plate or rail cannot be freed.

The movement from closed to open position passes through the intermediate position to maintain safety and avoid accidents such as inadvertent opening of the lever by catching on something.

The **flipLock®** quick-release is adjusted to work perfectly with original **ARCA-SWISS** plates. However, using an adjusting bolt it can adapt to different plates made to **ARCA-SWISS Classic** standards, although tolerances may vary between brands.

### **Leather case:**

The genuine leather case is made by hand and is designed to protect the **Cube** in all conditions. A shoulder strap allows for ease of carriage and the case has a riveted brass closure to keep the **Cube** safe. The case also makes a fine and elegant accessory to go with a **Cube**.

### **Technical specifications - ARCA-SWISS C1 Cube cp (clicPan®), FlipLock®**

- Type: Geared tripod head
- Weight: 1160 g / 2.56 lb.
- Weight capacity: 40 kg / 88 lb.
- Base diameter : 60 mm / 2.36 in.
- Base mount: 3/8"-16 threaded socket
- Dimensions (L x W x H): 110 x 110 x 121 mm / 4.33 x 4.33 x 4.76 in.
- Panning at base: Yes, 360° lockable free movement
- Panning at top: Yes, clicPan® with free or adjustable step by step angular rotation, lockable, with precision scale graduated in degrees
  - Alternative panning option: gp (geared panning) for free or geared movement
- Tilt Range X and Y axes: +/- 30° self-locking geared controls – (8° per knob rotation)
- Base tilt: 0-60° - manual
- Base manual tilt + top geared tilt: > 90°
- Friction control: Yes, for X and Y axes
- Level control: 2 tubular bubble levels for X and Y axes
- Compatible plates: ARCA-SWISS Classic or monoball®Fix

### **About ARCA-SWISS:**

**ARCA-SWISS** is a company of Swiss origin founded over 80 years ago, and is based in Besançon in France, at the heart of the European centre of microtechniques.

The company specialises in view cameras (film and digital) and photographic accessories. **ARCA-SWISS** has built its reputation through developing innovative and highly practical solutions for the most discerning photographers.

All its products are designed, made and assembled by hand. They combine robustness, precision and smoothness of movements with the brand's signature minimalist design.

Each **ARCA-SWISS** product is a long-term investment that will last you a lifetime. It can be serviced or repaired in the manufacturer's workshops to ensure your continuing enjoyment.