# RICOH
## imagine. change.

# AF180FG



AUTO FLASH
**AF180FG**

READY    OFF    AUTO ⚡▶
TEST    • ▶⚡
    • M(FULL)
    • M(1/4)

FIX ▶

## PENTAX AF180FG:

The use of flash units is becoming increasingly obsolete due to the current, particularly fast sensors of our cameras. On the other hand, there are many photographic tasks for which artificial lighting is required. The range of tried and tested solutions extends from continuous lighting to flash units and flash units in various light output classes.

With the new AF180FG, we are offering a new flash unit suitable for our Pentax DSLR system cameras and the GR III series, which is equipped in line with the current requirements and our system.
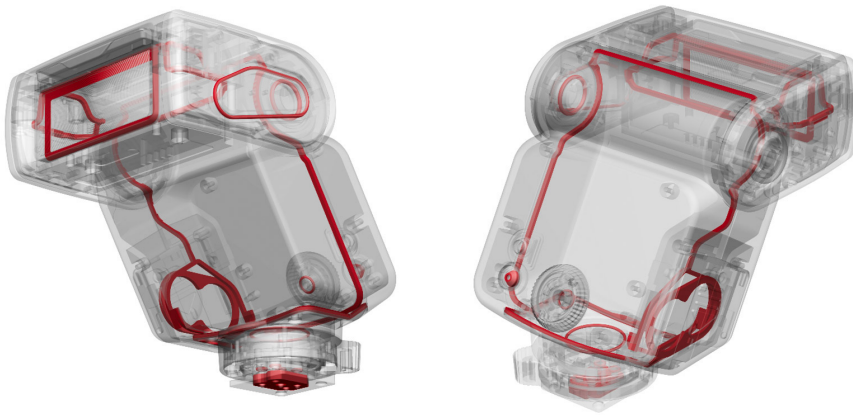
### Here is the most important information in brief

• Compact body, with dependable dustproof, weather-resistant design for outdoor shooting

• Bounce flash function up to a 135-degree tilt angle

• Simplified, dial-access operation

## Main features of the PENTAX AF180FG

**Compact body, with dependable dustproof, weather-resistant design for outdoor shooting**
This auto flash unit has a compact, well-balanced body ideal for use  with our digital cameras compatible with P-TTL. Thanks to 18 seals applied in crucial parts of the body including the hotshoe, it features a highly dependable dustproof, weather-resistant con-struction. When paired with a dustproof, weather-resistant camera body and lens, it as-sures solid performance, even in harsh outdoor conditions such as rain and dust.

**Bounce flash function up to a 135-degree tilt angle**
The flash head can be adjusted vertically to 10 different angles (-10, 0, 30, 45, 60, 75, 90, 105, 120 and 135 degrees) for bounce flash operation. By bouncing the flash dis-charge off the ceiling or wall during indoor shooting, the user can soften the subject's shadow to create more natural, true-to-life portraiture.

**Simplified, dial-access operation**
This flash unit features a simplified operating system that lets the user start flash pho-tography instantly by turning the discharge mode dial, which double-functions as the ON/OFF switch. In addition to the OFF position, this dial provides a choice of four dis-charge modes: P-TTL auto flash with leading-curtain synchronization and P-TTL auto flash with trailing-curtain synchronization, in both of which the flash's preliminary emis-sion is detected by the camera's light sensor to accurately control the main discharge level for proper exposure; and manual flash with full discharge and manual flash with 1/4-level discharge.

**Other features**
Built-in wide-angle panel that slides out to cover 20mm angle of view (in 35mm format)

## SPECIFICATION

| | | |
|---|---|---|
| Type | | Clip-on, P-TTL auto flash unit with series control |
| Compatible Cameras | | Pentax Digital SLR-cameras<br>GR3 series cameras |
| Flash Mode | | P-TTL auto (Leading curtain sync, Trailing curtain sync),<br>Manual (Flash output setting: FULL, 1/4) |
| Manual guide number [ISO100 • m]<br>Manual guide number [ISO200 • m] | | 18<br>25 |
| Flash coverage angle | Full frame<br>APS-C size<br>Q series<br>645Z/645D | 24mm / 20mm*<br>16mm / 13mm*<br>4mm / 3mm*<br>30mm / 25mm* |
| | Vertical Angle<br>Horizontal Angle | 53° / 85° *<br>70° / 98° * |
| Bounce flash | | Vertical bounce possible, click stops provided,<br>need to release the bounce lock for -10°.<br>Upward: 0°, 30°, 45°, 60°, 75°, 90°, 105°, 120°, 135°<br>Downward: 0°, -10° |
| Wide-angle panel | | Pull out manually |
| Recycling time/<br>Total number of flashes | | ·Approx. 6 sec.  Approx. 100 (AAA Alkaline (LR03))<br>·Approx. 5 sec.  Approx. 130 (AAA Nickel-Metal Hydride (Ni-MH) (800mAh)) |
| Power source | | · Two AAA Alkaline (LR03)<br>· Two AAA Nickel-Metal Hydride (Ni-MH) |
| Size and weight | | Approx. 65mm (W) × 72.5mm (H) × 31mm (T) (2.6" × 2.9" × 1.2")<br>Approx. 141 g (5.0 oz.) without batteries |
| Other functions | | ·Dustproof, weather-resistant structure<br>·Automatic power-off (180 sec.)<br>·Trailing-shutter sync mode |
| Supplied accessory | | Case O-AC149 |

* When the wide-angle panel is used

## PRODUCT INFORMATION

| | |
|---|---|
| Product | PENTAX AF180FG W/CASE |
| Art. No. | 30408 |
| UPC Code | 0027075310698 |
| | |
| Bundled Accessories: | |
| Art. No. 30449 | Case O-AC149 |

### PACKAGING INFORMATION

| | |
|---|---|
| Dimensions: | 115 x 57 x 160mm (Width x Depth x Height) |
| Weight: | 225g |