BONZART AMPEL
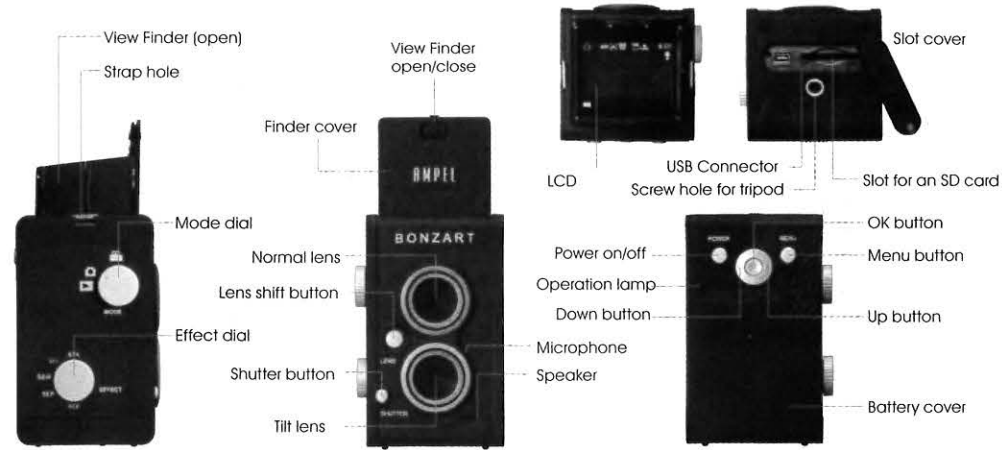
User Manual

Thank you for purchasing....
The new BONZART AMPEL Twin Lens Camera.
Please read this manual carefully before using

Map of Bonzart Ampel:

- View Finder (open)
- Strap hole
- Finder cover
- View Finder open/close
- Mode dial
- Normal lens
- Lens shift button
- Effect dial
- Shutter button
- Tilt lens
- AMPEL
- BONZART
- LCD
- USB Connector
- Screw hole for tripod
- Slot cover
- Slot for an SD card
- Power on/off
- Operation lamp
- Down button
- Microphone
- Speaker
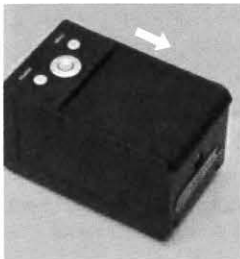- OK button
- Menu button
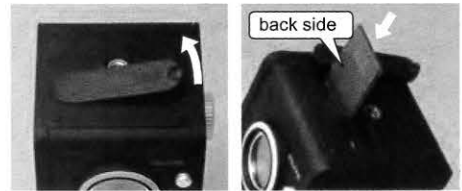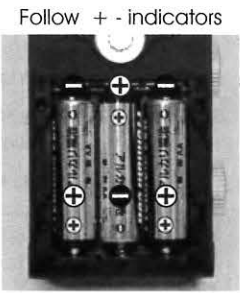- Up button
- Battery cover

Overview of the Bonzart Ampel:

- 2 Lens: normal pictures occur in the upper "Normal Lens" (red). The unique selective depth of field focus tilt-shift photography, sometimes referred to as miniature fake, are generated by the "Tilt Lens" (green).

- 5 kinds of color mode: standard, vivid, black/white, sepia, refreshing.

- Stills and Video capable of: 5 color modes and Normal/Tilt Lens selection.

- LCD monitor vintage style "View Finder" located at the top of the camera

- Webcam capable: connect with a computer using a USB cable.

- Magnetized metal lens rings allow for (optional accessory) conversion lens use.

Before using:

3 AA Alkaline cell and SD card (not supplied)

Follow + - indicators

Install Batteries: Slide a battery cover as indicated by arrow and insert 3 AA batteries.
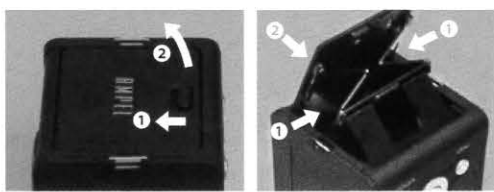

back side

Turn POWER OFF when inserting or removing SD Card

Insert SD Card: Open a slot cover at the bottom of the camera. The back side of an SD card must be facing the lens side of the camera.
Important: Make sure the card clicks in place.

To remove SD card: A quick press on the end of the SD card will release it for removal.
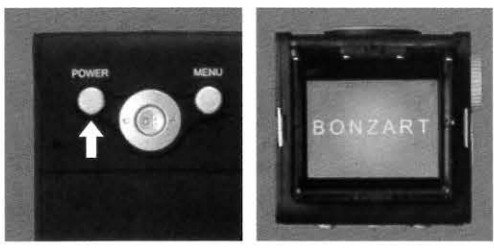
Basic operation

Finder Cover: Open/Close

To Open: Push button towards front of camera, disengaging it from locked position. Pull up "Finder" cover to vertical position, exposing your view finder LCD screen.

To Close: Press in left and right sides of "Finder" hood at the same time with one hand. Continue the action of the cover closing with your other hand till it clicks closed.
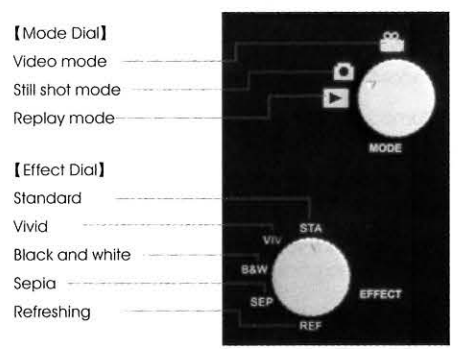
Power: On/Off

Power On: press the "Power" button for 2-3 sec and the LCD monitor will light up.

Power Off: press the "Power" button for 2-3 sec.

An operation light below the power button, will flicker on/off during these actions
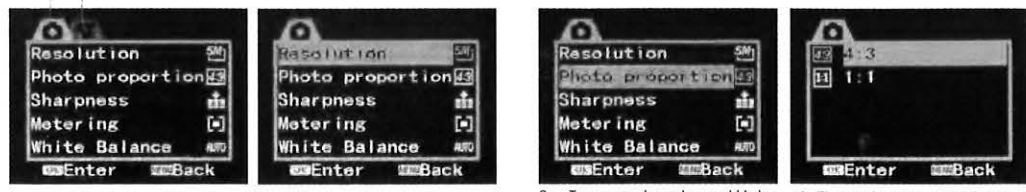
How to use Mode & Effect dial

【Mode Dial】
- Video mode
- Still shot mode
- Replay mode

【Effect Dial】
- Standard
- Vivid
- Black and white
- Sepia
- Refreshing

Turn dials to targeted action: MODE and EFFECT.

Menu Setting

To access menu for Video or Still, change "Mode Dial".
The example below are camera mode "Still Shot mode"

Menu Shot: This is a menu of shot functions.
Menu Setting: This is the basic Camera setting menu.

1. Press the "Menu" button, to displays menu in LCD monitor.

2. "Up" or "Down" arrows (next to "OK" button) allow you to navigate to "shot menu" or "set menu". Press "OK" button to select.

3. To navigate within selected menu; use "Down" arrow to highlight your choice then press "OK". This will take you to a submenu.

4. The submenu navigates in the same manner, use "Down" arrow to highlight your choice then and press "OK"

Time setting: select date & time then choose "OK". Next use "Up" and "Down" arrows to increase & decrease the number. Press the "Shutter" button, on the front of the camera, to move thru day, month, year and time.

LCD monitor Icons

- Mode (still)
- White Balance
- Metering
- Exposure compensation
- Resolution
- Sharpness (Normal)
- The number of frames to be shot.

Battery

An SD card inserted.

Taking STILL images

1. Open the Finder cover
2. Turn the Power ON.
3. Set a MODE dial to "Still" image".
4. Press LENS button to shift between Tilt or Normal lens choice: the words "normal or tilt" appear in the LCD window, indicating the mode you are in.

   Normal Lens - is the upper lens with red ring. A indicator "shot mode" camera icon turns Red in the left upper corner of the LCD screen.

   Tilt Lens - is the lower lens with a green ring. A indicator "shot mode" camera icon turns Green in the left upper corner of the LCD screen.

【4 : 3】
General compact digital camera format.

【1 : 1】
Square format. The LCD monitor shows 4:3

5. Select "Menu" button, then select an image format from "Shot" menu, choose 4:3 or 1:1 format. (Setting selection will be kept until the next change).

Normal lens

Normal Lens provides normal picture function, similar to a digital camera. Various Effect selections will give you endless creative options.

● Taking a picture by a normal lens - with the red ring.

● LCD icon of a Red camera indicates your mode selection.

6. Select effect using EFFECT dial. Selected Effect previews in LCD monitor.

7. Set camera at a comfortable level, usually chest level, to view LCD monitor compose your shot.

8. Press shutter button to take picture.

> By pressing the arrow ▲ while in still on video mode, the subject will be magnified to 4X digital zoom. Press arrow ▼ to return to the original setting. Digital zoom image will appear coarse.
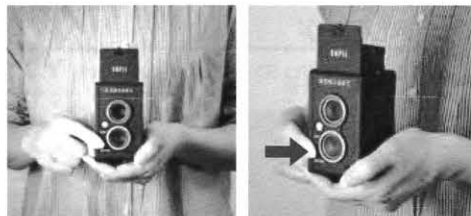
Tilt Lens

The use of the Tilt Lens, provides foreground depth of field focus, sometimes referred to as miniature fake. Combine this with Effect selections and you can achieve an imaginative array.

● Taking a picture by a Tilt lens - with green ring.

● If you turn Effect to Vivid, you may take a photo like this.

TWIN Lens reflex style

Twin lens provides stability and security that the image projected in the LCD monitor is the image you are shooting. This provides you a natural perspective of the subject by the reduction of shutter lag.

a cat at eye level or an.....

upward shot of flowers

Taking VIDEO Images

1. Open a finder cover, turn Power ON and change mode dial to "Video" shot mode.

2. Press "Lens" button to make lens selection

3. Choose Effect using "Effect" dial.

4. Compose shot in LCD monitor.

5. Begin the video shot by pressing "Shutter" button. Press "Shutter" button again to stop video.

6. Recommended use of SDHC 4GB or more, to take a video under HD1280 x 720.

7. There is no camera stabilization, so tripod is recommended to prevent shaky video.

Replay STILL and VIDEO images

1. Open a finder cover, turn Power On and change mode dial to "Replay" mode.

2. The LCD monitor will show the last picture or video shot.

3. A magnified glass appears in left lower corner of LDC Screen after pressing "Shutter" button.
   Press▲: To magnify the image (still image only).
   Press▼: To display 9 frames thumb nail

4. Using ▼and ▲, you can navigate to through thumb nail selection.

5. Press "OK" to display a full size image of the selected image or video
   Video: press "OK" while full video is displayed, the video replay will start. Press "OK" again to stop video replay

   To have video appear in HDD on a computer, use (1280x720)

Use as a WEBCAM

Connect a USB Cable and follow instructions.
Compatibility: Windows XP/Vista/7/Mac OSX/Linux

Updating Firmware

While updating firmware, do not disconnect USB cable until update has been completed otherwise the camera can be irreparably affected.

Specification

Frame rate	: 30fps/15fps
LCD monitor	: 2. inch 4.3 TFT
Monitor resolution	: 960x240 dot
Image format	: Normal(4:3)/Squire (1:1)
Zoom	: Digital 4X zoom
Recording media	: SD/SDHC 32GB Max.
Lens	: F2.8 F=9mm Normal Lens, Tilt Lens
Shutter	: Electronic control.
Focus	: Fixed focus
Power	: Alkaline cell x 3 Power off: Auto and manual
Self timer	: 2 sec , 10 sec.
PC interface	: USB 2.0
Image format	: JPG, AVI
Language	: English, Japanese.
White balance	: Automatic,Fine day, Cloudy, Fluorescent lamp, Tungsten
EV value	: +-2.0

Optional accessory

BONZ LENZ
WIDE & MACRO

Conversion lens : 2 in 1 lens for 0.5x wide and 4.0x macro

Magnet mount method, provides an easy fits to the lens frame, as well as quick on/off application.

⚠ Attention

● Do not leave this camera near children
● Do not dismantle camera
● Use only battery specified in the this manual
● Do not drop camera.