

# Enjoy Birds More

Bird Table Camera  
(C11)



User Guide

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## 1. Introduction

Thank you for purchasing one of the Enjoy Birds More family of products. We hope you will enjoy many years of viewing wildlife with this equipment.

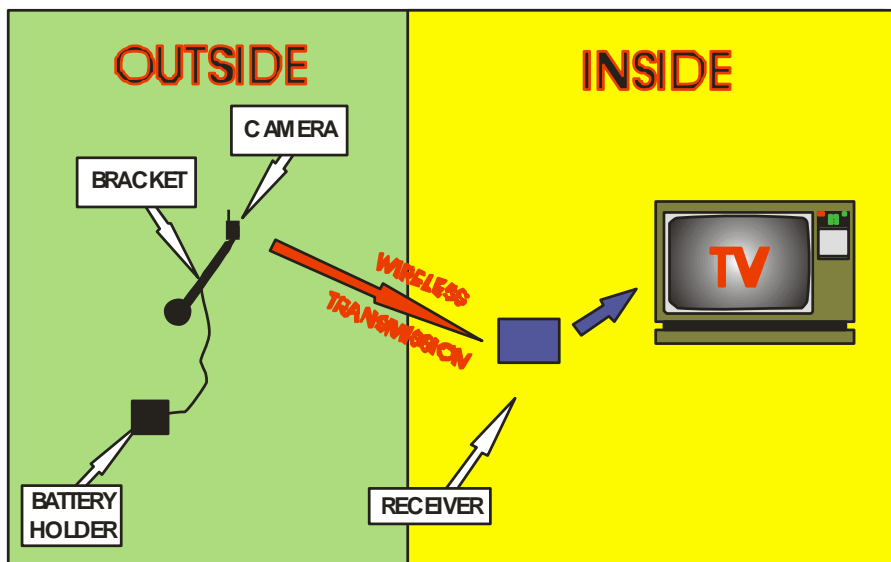
## 2. Setting Up Your Equipment and System

The Bird Table Camera consists of 3 main components:

1. Camera
2. Bracket
3. Receiver

As well as this, it includes everything necessary to connect the parts of the system together, to power sources, and to your computer or TV.

It is easy to put the system together by following these step by step instructions.



### 3. Unpack and Familiarise Yourself With Your Equipment

As well as this User Guide, you should have the following parts:

**Camera with built in microphone** (including adjustable bracket and power/video/audio cable)



with **Antenna and Allen Key**

**Wooden strut bracket**, with flange at bottom for attaching to post or upright of bird feeder or table and screw for attaching camera at top



**Fixings Kit** for attaching Bracket to Bird Table and camera



**Weather Resistant Cable Cover**



**Mains power supply unit for Camera** (Internal Use Only). This provides an optional alternative to running the system on batteries

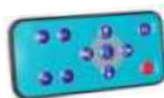


**Receiver**, with separate **Antenna**, mains **Power Supply**,

**A d h e s i v e** mounting pad,



**Remote Control**



and **Video/Audio Lead**



**Battery box** for 4 size D batteries, including battery holder, on/off switch and cable to nest Box, and hanging Bracket.



## 4. Set up Your Equipment

### 4.1 Camera and Bracket



The camera is fitted with a metal bracket which is adjustable for pan and tilt.

Fit this bracket onto the screw at the top of the wooden bracket with the nut and 2 washers supplied. The screw should first be passed through the large round hole in the metal bracket, and then the white plastic washer, followed by the smaller metal washer, and then lastly the nut fitted and tightened gently.



Next fit the bottom of the wooden bracket to the upright pole of your bird table or feeder station. There are two ways of doing this: either screwing onto the post using the two woodscrews provided, or clamping using the clamp plate and 4 bolts provided.

To fit with woodscrews, simply choose the two counter-sunk holes in the flange which allow the camera to be positioned horizontally, and screw the screws through them into the upright of the bird table, positioning the camera in the desired position for viewing the feeding birds.



To use the clamp, fit the coach bolts through the bracket, with the longer ones going through the greater thickness of the flange plus bracket. Then fit (on the other side of the upright post of the bird feeder or bird table) the thicker clamp plate, with the slot vertical. Next fit the washers over the ends of the coach bolts and then the butterfly nuts. Position the bracket for the desired camera position and tighten the butterfly nuts to clamp securely onto the upright and





ensure the coach bolts “bite” into the bracket.



The camera can be adjusted for pan and then tightened by the nut fixing it to the wooden bracket. It can be adjusted for tilt using the allen key to loosen the 6 screws on the side of the camera. Gently tighten them up when you have adjusted the camera angle to your requirement.

Screw the (smaller) antenna onto the back of the camera, and adjust so that it is approximately vertical.

## 4.2 Set up Camera for Operation

The camera can be operated either by battery or mains, and either wired straight into your TV or PC, or alternatively with a wireless connection to the TV or PC.

If you are running the nest box on batteries, open the Battery Box, remove the battery holder and fit 4 size D batteries (observing the polarity shown on the battery holder). Replace the battery holder, ensuring that it is securely connected to the PP3 snap fitting inside the Battery Box.



Ensuring that the connectors are inside the Battery Box, run the power cable out of the Battery Box through one of the slots in the base, and fit the lid onto the Battery Box, using the 4 screws provided.

If you decide to use the mains power supply, disconnect the battery holder from the PP3 snap fitting inside the Battery Box. Remove the battery holder. Connect the PP3 snap fixing on the end of the Mains Power Supply Unit to the PP3 snap fixing inside the Battery Box, run the 2 cables out of the battery box and fit the lid, using the 4 screws provided.



The Mains Power Supply must not be used outside as it is only safe to use inside, although the lead coming from it is low voltage and safe for external use.

It is likely that you will have the Battery Connector positioned outside. If this is the case, you should use the Water Resistant Cable Cover to protect the electrical joints. Simply fit the clear plastic tube over the Battery Connector, with all the connectors at the ends of the two cables, and seal each end with 2 of the cable ties provided.

### 4.3 Set up the Receiver and Connect to TV

Screw the (larger) Antenna onto one end of the Receiver. Adjust the angle of the Antenna so that it is approximately vertical. The receiver can be mounted vertically using the adhesive pad provided, or rested in a horizontal position.



Fit the Mains Power Supply (it has a cylindrical plug) to the Receiver (DC 12-32V) and plug it into the Mains. Switch the power on. The Power

Light on the front of the receiver will glow red to show mains is connected.

Fit one end of the Receiver Video/Audio Lead to the Receiver, connecting yellow to one of the 2 “VIDEO” (yellow) connectors and white or red to one of the 2 “AUDIO” (red) connectors.

The other 2 audio and video connectors on the Receiver can be used to connect the pictures and sound from the camera to a second TV or PC if you wish. The “RESET” button (it needs pressing with the end of a paper clip or similar) enables you to reset the electronics of the Receiver to factory settings in the unlikely event that the whole unit fails.

Fit the other end of the Receiver Video/Audio Lead to the direct input video/audio of your TV. Connect yellow to video in, and white or red to an audio in socket.

As an alternative, you may prefer to fit this in to the Video/Audio connectors on a video recorder or VCR.

If you only have a SCART input socket for your TV, you can fit the cable through an appropriate adaptor (not supplied, but available as an accessory).

The cable (and the signal it carries) is not suitable for direct connection to your TV aerial or antenna socket.

Turn the TV on, and switch it to the direct video/audio input.

Move the switch on the Battery Box to the ON position.



Switch the receiver onto “active” by pressing the Auto Switching/Manual (A/M) button once. The Power Light will change colour to green and the A/M button will light green (denoting Auto Switching), the 4 Channel Buttons will light blue and

the Channel Indicator will be displaying channels 1 to 4 in turn.

Press A/M a second time, and it will change colour to red (denoting Manual). Set the Receiver channel (shown in the Channel Indicator, and by the illuminated Channel Button) to the Channel Number of your Camera (shown by a label on the back of your Camera) by pressing the appropriate Channel Buttons to switch them on or off.

You should see a picture from the camera on your TV screen, and hear through the TV if you tap or blow on the back of the camera gently.

The Receiver can also be controlled by the Remote Control. As well as duplicating all the above switch functions on the Receiver, this enables the dwell time (time on each channel when in Auto Switching mode) and audio volume to be adjusted.

Auto Switching is of use if you have more than 1 camera and wish to view them all in rotation. Use the Channel Buttons whilst in Auto Switching mode to select which channels to include in the sequence.

The picture can also be viewed on a PC equipped for video input.

#### **4.4 Wired Connection to the TV**

Connect the two phono connectors at one end of the video/audio cable to the connectors at the end of the camera lead. Connect (video) yellow to yellow, and (depending on which cable has been supplied) (audio) red or white to red or white.

Plug the video (yellow) and audio (red or white) connectors at the other end of the video/audio cable into the video and audio input sockets of your TV.

#### **4.5 Left/Right Reversal**

Some of our cameras have a fourth connector at the end of the camera lead which has a small Nylon cap fitted. For normal viewing, this should be left in place. Removal of the cap will cause the picture to be reversed left to right. This facility is unlikely to be needed for wildlife watching unless you are viewing through a mirror (or wish to use the camera as a rear view mirror!). To remove the cap, simply pull it off.

### **5. Miscellaneous**

#### **5.1 Camera Lighting System and Focus**

The camera housing contains a light sensor (positioned above the lens) and an array of infra red lights. If the light level available to the camera drops to a level at which it requires extra illumination, the infra red lights will automatically switch on. This will enable you to continue watching the birds feeding in dim light conditions. However, you may find that the infra red lighting is so bright as to dazzle part of the camera's field of view, despite the exposure adjustments which will be made automatically by the camera's electronics. If this occurs, cover part of the array of infra red lights with dark insulating tape (not supplied). If you do this, please be careful not to cover the lens or light sensor.

The camera focus has been adjusted at the factory, and cannot be reset by the user. It will give sharp focus between about 20 cm and infinity.

The camera housing is waterproof, and designed to cope well with wet weather. It can even be used under water at depths of up to 1 metre.

It is important to avoid scratching the glass front to the camera housing, as this may reduce the quality of the picture. From time to time, we suggest you clean the glass with a soft cloth.

## **5.2 Wireless Transmission Range**

The Transmitter and Receiver have a nominal range of 100 metres.

The actual distance achieved will vary depending on atmospheric conditions, any radio interference, the position and type of nearby obstacles (such as walls, trees, or metal objects) and the state of the batteries.

Moving the Receiver just a few centimetres can sometimes make a big difference to the strength of the signal, so to obtain the best reception, we suggest you move the Receiver around to find the best location by trial and error.

## **6. Specifications, Warranty etc**

The specifications of the product described and the contents of this User Guide are subject to change without notice, as part of our continuous improvement process.

Whilst every care has been taken in the preparation of this document, we realise that it may still be possible to improve it. If you find any errors, omissions or points which are not clear, please let us know by email at [user.guide@enjoybirdsmore.co.uk](mailto:user.guide@enjoybirdsmore.co.uk). We will endeavour to deal with the problem to your satisfaction, and learn from it for future versions.

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Enjoy Birds More Limited warrants all its products against defects in materials and manufacture for 6 months from the date of purchase. If a defect is discovered, Enjoy Birds More will repair or replace the product (at its option) free of charge, provided it is returned to the address in this User Guide at the customer's expense.

Enjoy Birds More Limited is not able to accept any responsibility for any loss, damage, or loss of data suffered by any customer or third party as a result of use, misuse or malfunction of the product or this User Guide. In particular, whilst the product has been extensively tested, we are unable to warrant that is error free.

If you have any further technical or user questions relating to the product, please first check the Frequently Asked Questions section of our Web Site, [www.enjoybirdsmore.co.uk](http://www.enjoybirdsmore.co.uk). If that does not enable you to resolve your query, please email it to us on [customer.service@enjoybirdsmore.co.uk](mailto:customer.service@enjoybirdsmore.co.uk).

From time to time, we provide customers with product updates. Please check the web site for details.

## 7. Care for the Environment

As you might expect, Enjoy Birds More cares deeply about the Environment. We have adopted an Environmental Policy designed to demonstrate our commitment to operating our business in harmony with the natural and man made environments. If you wish to see the full policy, it is available to read on our web site.

Our products are developed to be economical with natural resources, both in manufacture and use. We comply with the relevant laws and regulations, including those relating to the Restriction of Hazardous Substances (known as RoHS) and Waste Electronic and Electrical Equipment (WEEE).

The wood used in our products comes from responsibly managed forests, as part of our commitment to the Forest Stewardship Council.

When you have finished using this product, please dispose of it responsibly. We would suggest using your local household recycling and waste treatment facility.

As an electronic item, it must be disposed of separately to other household waste.



This User Guide is printed on recycled paper.

## **8. Accessories for Your Bird Table Camera**

Our comprehensive range of accessories is designed to enable customers to make the best use of their purchase. Why not accessorise your equipment to extend its capabilities and make it do exactly what you want? The following accessories are suitable for the Bird Table Camera:

### **Battery to Camera Extension Cable (A33)**

Extend the distance between your Battery or mains supply and Camera

### **Mains to Battery Extension Cable (A35)**

Want to use mains power, but need a longer cable from the mains power unit to your battery box ? This is what you need.

### **Enjoy Birds More by PC (A36)**

Our very own software package for users of camera nest boxes and wild-life cameras - view, take and archive your pictures, videos and timelapse sequences.

### **Video to USB Converter (A37)**

This small converter allows you to feed pictures from your camera straight into your computer. No need to install any hardware inside the computer.

### **PC Video Viewer (A38)**

All the hardware and software you need to feed your nest and wildlife pictures into a PC or laptop. (Contains A36 plus A37)

### **Daylight Sensing Battery Box (A32)**

Accessorise the Bird Table Camera to give it very long battery life, dusk/dawn switching, use of rechargeable batteries, solar and wind power. Wooden Battery Box with translucent lid, on/off/mode switch.

### **Rechargeable High Capacity Battery Set (A40)**

8 high capacity rechargeable size D batteries and mains charger. Last for longer between charges.

### **Solar Panel (A41)**

Help save the planet by using renewable energy to operate your camera. You may never need to change the batteries again.

### **Wind Generator (A42)**

Free energy to supplement solar or mains recharging for your camera. Good looking and discreet generator.

### **Universal Camera Stand (A45)**

This stand is an alternative to your stand attached to the bird table. Free-standing, it allows the positioning of your camera just where you want it, at any height from under water to 2.2 metres high. Separate wand to hold camera for pond dipping etc.

### **Bird Table Stand (A46)**

A second bracket for your camera. If you have 2 bird tables or feeders, why not put a stand on each, and move the camera from one to the other without needing to take the brackets off the bird tables..

# Enjoy Birds More

**Did you know we produce a Variety of Wireless Camera Nest Boxes, and Wildlife Cameras and Accessories? Some of our products:**

## **Garden Nest Box (B2)**

The ultimate Wireless Camera Nest Box, with a battery life up to 7 months, and bristling with innovations. Easy and Quick to set up. Remote Electronic Battery Box takes alkaline or rechargeable batteries, and is already equipped with charger to utilise solar or wind energy

## **Eco Nest Box (B1)**

A full function Wireless Camera Nest Box, but with simpler electronics. Translucent roof gives colour pictures in daylight, while infra red lights give pictures at night. Mains or battery operation

## **Town Garden Nesting Package (P80)**

Includes Garden Nest Box with all you need to watch by computer

## **Solar Nesting Package (P82)**

The ultimate package for the environmentally conscious, with all you need to watch by computer and power by renewable energy

## **Wildlife Camera Package (P83)**

Camera, stand and computer connection makes you ready to start viewing the wildlife immediately

## **Specialist Boxes:**

Other specialised boxes and special requirements made to individual order.

**To order, or for more details of all our products:**

Visit us at [www.enjoybirdsmore.co.uk](http://www.enjoybirdsmore.co.uk),

Email us at [mail@enjoybirdsmore.co.uk](mailto:mail@enjoybirdsmore.co.uk)

Or telephone us at +44 (0) 1675 442544

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