

EXTRACTS FROM EYE SPY INTELLIGENCE MAGAZINE

*\* images are presented in low-res screen shots for quicker loading*

# DIY spycraft WORKING PROJECTS

FOR MORE INFORMATION SEE THE RESPECTIVE BACK-ISSUE DESCRIPTION

*Tradecraft DIY. Eye Spy presents a number of fascinating DIY projects which provide examples of spycraft - from old to new...*

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# TITLE: DIY SPYCRAFT PART ONE

SUB TITLE: DIY LONG-RANGE VIDEO OR CAMERA  
ISSUE 44

Eye Spy's DIY spycraft series. In these features, we not tell you where to acquire spy equipment - we will show you how to BUILD it - inexpensively and without needing a degree in electronics. These projects can be built with off-the-shelf parts and can be put together in a few hours - or in the following example - a few minutes. All the projects can be modified, mixed or matched to create an arsenal of spy tools. Projects include how to build a telephone voice changer, parabolic dish microphone, wall clock camera, bug detectors, room transmitter, night vision fire detector camera, outdoor night vision illuminator, spy camera killer and resurrect deleted data from a computer and many more devices associated with the world of espionage. Use the printed material responsibly....



# TITLE: DIY SPYCRAFT PART TWO

SUB TITLE: DIY ROOM TRANSMITTER AND RECEIVER  
ISSUE 45

The second in our DIY series. Here is an ingenious way to adapt an old baby monitor unit to create a very sensitive room transmitter and receiver with excellent range. Cost? About the price of a drink



### EXTRACT:

The object of this lesson is to reduce the transmitter to the smallest possible size and to power it from a battery. 'Freeing' the transmitter from the plastic case and mains electric instantly turns the device into a covert bug which can be monitored from other locations using the receiver. Once away from the mains electric, the transmitter will require a 9-volt battery. Thus a 9-volt clip must be joined to a component inside the transmitter. These are available for a few pence at any hardware or electrical shops, or on-line - we bought a pack of 10 for £1.50.



# TITLE: DIY SPYCRAFT PART THREE

SUB TITLE: DIY PROJECTS (VARIOUS)  
ISSUE 47

EXTRACT:

## COVERT COPYING

In the not-so distant past, the men and women who risked everything for their country, used tiny cameras to take photographs of documents, letters and other things. Taking the picture was relatively easy, but there was always a chance the camera would be discovered. If found beforehand, it was a device difficult to explain away. Therefore, in many cases, spies simply 'remembered' the content of a document or letter.

Undercover operatives have always relied on skill and luck. Many are opportunistic, but there is one factor that bonds together everyone working in espionage... preparation. In days gone by, not everyone had the benefit of a nice tidy camera that tucked away in a match box. Eye Spy is not sure who created the 'copy trick', but it is very old and almost certainly originated from a time of war...

Before technology enabled spies to instantly copy a document (or record its content), a spy had but two options: steal the letter, or duplicate its message. However, it was possible using just two substances to create a solution that allowed him to make a copy. Often it was just a phrase or paragraph that was important, this helped speed up the process - lest the spy be caught red-handed. But most useful, the copy trick took just a few seconds.



1. MIX TWO ORDINARY INGREDIENTS TO MAKE A SOLUTION THAT ENABLES YOU TO COPY DOCUMENTS
2. PRODUCE PLASTIC THAT SETS ROCK HARD - IDEAL FOR MOULDS (WHILST STILL SOFT), SEALANTS, AND MANY OTHER USES
3. MANUFACTURE AN INCREDIBLE STRONG GLUE
4. CREATE A TOP QUALITY INVISIBLE INK





# TITLE: DIY SPYCRAFT PART FOUR

SUB TITLE: DIY - 3 PROJECTS  
ISSUE 48

Eye Spy presents three more DIY projects using a tape recorder that will allow you to make recordings only you can hear; devise a cheap through-wall listening device and make a parabolic microphone for hearing long distance sounds

**EYE SPY DIY SPYCRAFT**

Eye Spy presents three DIY projects using a tape recorder that will allow you to make recordings only you can hear; devise a cheap through-wall listening device and make a parabolic microphone for hearing long distance sounds

**FOR YOUR EARS ONLY**

**PROJECT ONE: LISTEN IMPOSSIBLE**  
Make recordings that only you can hear

**PROJECT TWO: LIVE AND LET SPY**  
Build a sound amplifier or through-wall listening device

**PROJECT THREE: CATCHING INTEL**  
Build a working parabolic dish microphone for capturing sounds at distance

**EXTRACT:**

Using the listen-through wall (LTW) device you can use the sound amplifier much in the same way that a satellite dish focuses in on weak distant radio waves - basically you are using the device as the electronic mechanism of a parabolic dish microphone (PDM). The only other components you require are a dish and a metal coat hanger.

First you need a 'reflector', or 'dish' preferably at least 12 inches in diameter. The lid from a pot, plastic bowl or even a hastily made...

**PROJECT ONE: LISTEN IMPOSSIBLE**  
Make recordings that only you can hear

**PROJECT TWO: LIVE AND LET SPY**  
Build a sound amplifier or through-wall listening device

**PROJECT THREE: CATCHING INTEL**  
Build a working parabolic dish microphone for capturing sounds at distance

1. MAKE TAPE RECORDINGS THAT ONLY YOU CAN HEAR
2. BUILD A SOUND AMPLIFIER OR THROUGH-WALL LISTENING DEVICE
3. BUILD A WORKING PARABOLIC DISH MICROPHONE FOR CAPTURING SOUNDS AT DISTANCE







# TITLE: COVERT RURAL DIPOLE

SUB TITLE: CONSTRUCTING A DIPOLE FOR BETTER RURAL COMMUNICATIONS

ISSUE 60

*In some environments, a lack of radio maintenance, or just operator error, communication between surveillance operatives can be poor at best, non-existent at worse. Fieldcraft instructor MIKE ARMSTRONG has created a low-cost radio antenna add-on that cuts down the risk of losing contact with colleagues and missing that vital call...*

**EXTRACT:**

Good communication is vital in surveillance and often the difference between success and failure. It's not uncommon for operatives to have little or no knowledge in radio wave propagation. Having used radio equipment in many surveillance and emergency situations, including mountain and cave rescue, I understand the importance of being able to receive and send messages. However, even basic awareness of technology and correct kit, can make a huge difference. In recent times, I have utilised some of my training to compliment and improve vehicle and rural communications for surveillance providers.

A recent test proved vehicle communications benefited from an increase in power to a VHF set; more important was a tuned resonating antenna that matched the operating frequency of the user. Often faults in the system go undiagnosed, for example, short circuits or perhaps they are just badly matched after frequent use. These faults can and must be rectified before a surveillance team goes out on the ground. Using test equipment should become standard as some faults in the antenna are not always obvious....



# TITLE: TRICKS OF THE TRADE

SUB TITLE: THE WATCH TRICK  
ISSUE 40

Undertaking surveillance of a target, vehicle or location can be a time consuming business. It can also prove expensive. However, if an operation simply entails finding out what time a vehicle was driven away, then there is a very inexpensive method that is almost always successful - it's called the 'watch trick'.

Besides being applied to covert surveillance, the trick can provide lots of interesting data. Managers can monitor the length of time a person attends a business meeting or the hours worked in a shift - just in case an employee starts to add a few hours to his time sheet. Suspicious spouses can discover just how long their partner has spent at a specific location. Undoubtedly readers can add to this list.

To perform this 'time old' 'off-site' surveillance trick, you must first obtain a watch, scissors and tape. There are few rules here, suffice to say the watch must use hands (old wind-up type) and be fully functioning before it is placed into position. This trick will not work with a digital quartz watch...

# TRICKS OF THE TRADE SPYCRAFT

## The Watch Trick

**U**ntil recently, surveillance in a major urban location can be done without leaving a trace. It can also be done without leaving a trace. It can also be done without leaving a trace.



Don't let someone else prove the watch is on the case. It's not the watch that matters.

To get the most out of your surveillance, you must be able to watch someone without being seen. This is the watch trick. It's a simple but effective way to watch someone without being seen. It's a simple but effective way to watch someone without being seen.

You'll find this in a watch that is not a watch. It's a watch that is not a watch. It's a watch that is not a watch.



The watch is not a watch. It's a watch that is not a watch.



Step 1: Attach the device to the watch case. Step 2: Attach the device to the watch case. Step 3: Attach the device to the watch case.

Step 4: Attach the device to the watch case. Step 5: Attach the device to the watch case. Step 6: Attach the device to the watch case.

Step 7: Attach the device to the watch case. Step 8: Attach the device to the watch case. Step 9: Attach the device to the watch case.

Some intelligent agents believe the watch should be hidden in a watch. It's a watch that is not a watch.

Some intelligent agents believe the watch should be hidden in a watch. It's a watch that is not a watch.

Some intelligent agents believe the watch should be hidden in a watch. It's a watch that is not a watch.



TIME ON YOUR HANDS