

# Good Directions



Designers & Manufacturers of Architectural Features



# Clocks

## Clock Dials, Controllers, Chiming

At Good Directions Ltd we design and manufacture a large and varied range of clocks, available in a choice of seven traditional colours: black, white, green, dark blue, light blue, maroon or verdigris copper effect. Clocks can be housed in our standard roof turrets, bezels, drums or pillar structures.



### Classic

Our Classic style dials are convex in form and manufactured in colour impregnated GRP.

Numerals are available in Roman or Arabic style and hand finished in black or 23 ½ carat gold leaf depending on dial colour.



### Skeleton

A black open faced dial for fixing directly against a wall or supplied with optional opal white acrylic backing.

Dials available with or without a centre star and made in GRP or Perspex subject to application.



### Traditional

Our Traditional style dials are convex in form with a raised outer ring and manufactured in colour impregnated GRP.

Numerals are in Roman style and hand finished in black or 23 ½ carat gold leaf depending on dial colour.



A dark blue **Classic** clock with Roman numerals set into a brick 'Bulls eye' on a private house.

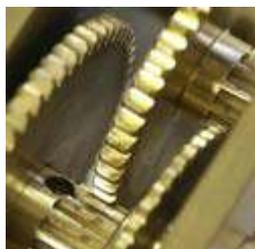
### Special Projects

Our standard clocks can be matched to any BS or RAL colour, sign written with names, initials, dates and corporate logos. Alternatively, our design team will help create a clock to suit your requirements which can be manufactured to any size and virtually any material.



## Mechanisms

The mechanism is the 'heartbeat' of any clock and is without doubt the most important part of the installation. Although often not seen, it is nevertheless expected to drive faultlessly, in all weather conditions, every minute, day and year. Each clock Mechanism is manufactured to the highest specification with brass and Stainless Steel used throughout and housed in an IP rated ABS enclosure. Dedicated leads and connections are provided with each unit.



## Hands

Our clock hands are finished to the highest possible standards. Designs are precision cut in Stainless Steel using the latest in laser technology. To ensure the hands are rigid enough to withstand the daily beating of wind and rain they are formed to create a strengthening rib down the centre. Each hand is then carefully balanced to ensure they cause minimum wear to the mechanism. Once ribbed and balanced our hands are primed and powder coated for added protection before being hand finished with 23 ½ carat gold leaf.



## Control Systems

Our **Resynchroniser** will ensure correct time restart 12 hours after a power failure and comes pre-programmed for 20 years of automatic summer / winter time changes.

Linked to the Atomic time signal via a radio receiver our **Master Clock** sits within the mechanism casing ensuring accurate time keeping, self adjusting after a power failure and for summer / winter time changes.

The **Total Control System** is a fully automatic battery backed controller for up to four clocks and is linked to the Atomic time signal via a radio receiver allowing it to adjust the clocks for summer / winter time changes.



## Electronic Bell Chime

Fully programmable electronic bell chiming module offering a range of attractive chime / strike options as well as easy to set day / night volume. This system is linked to the Atomic time signal via a radio receiver keeping the chimes accurate as well as automatically adjusting for summer / winter time changes.

## Battery Mechanisms and Controllers

Where an electricity supply is not available we can provide lithium battery driven movements and controllers which can drive a clock for up to 4 years. **NB:** Only for dials up to 760mm diameter fitted behind a protective cover glass.

## Bell Striking

A bell striking module with an electro-magnetic hammer is also available for use with traditional cast bells. This is a programmable system with silencing options to switch off for a part of the day / night if required.

# Clocks

## Bezel, Projecting, Pillar Clocks



A selection of some of our wall mounting and projecting clocks are shown here.

We have a standard range of double sided drum clocks using GRP housings to cover most applications. These can incorporate any of our standard dials or custom made to your requirements.

The same enclosures can be used as a Bezel surround for surface fixing a single dial to a wall or structure. Internal illumination, signage, company logos or even our Bell Chiming system help to personalise a clock and make it unique to the application it is intended for.



For custom applications our design department will help to ensure your requirements are carefully considered and incorporated.

The complete clock can be manufactured to complement the building or design. Materials can include aluminium, mild or stainless steel, glass, marble and GRP.



Single and double sided "signage" clocks are available in 450mm and 550mm diameters. With a choice of mechanisms and controllers, they come complete in a grey outer case with protective clear cover as standard.



We offer a range of free standing pillar clock designs including our two dial 'Albert' and four dialled 'George'. Our Design Department can offer advice to ensure that the product is right for the location and the environment that it is intended for.

All of our standard designs can be tailored to suit the customers requirements. Signage panels, illumination, chimes and gold leaf scrolls can all add to the presence of a pillar clock and create a stunning yet functional feature central to the community.



Custom two pillar, double sided clock.



Free standing GRP clock tower.



Albert Two sided pillar clock.



George Four sided pillar clock.

### Installation

Clock installations can be carried out by our own team of qualified engineers, using, scaffolding, “cherry-pickers” or ladders, as appropriate.

We install and commission clocks across the country however most of our products can be fitted by any competent person or contractor. Where required we are happy to offer advice in order that our clocks are installed correctly.



### Maintenance

A clock consists of a combination of mechanical and electrical components which are expected to perform faultlessly every day, year in year out.

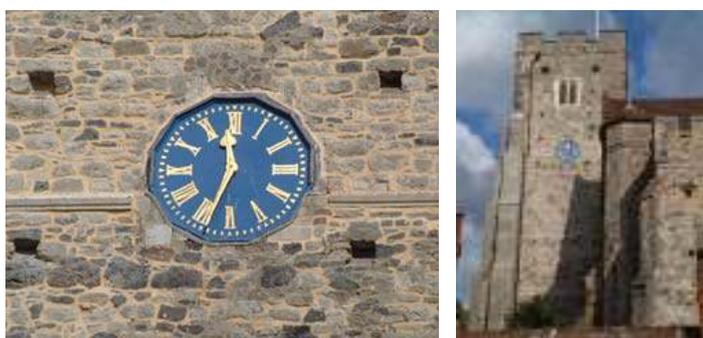
Our clocks come with an initial twelve-months warranty, after this it is our recommendation that a maintenance agreement be taken out and any clocks be professionally serviced on an annual basis to maintain reliability.



## Restoration

Although mainly known as manufacturers and suppliers of new clocks, we also cover all aspects of work relating to public and exterior clocks. Whether it be routine repair, service or maintenance, through to replacements upgrades and modifications.

We use our manufacturing knowledge of electrically operated mechanisms to be able to offer a solution to virtually any exterior clock whether electrical or mechanical. We have restored and put new life into clocks that have lost their original mechanisms. Obsolete mechanisms have been restored to reliable working order and even upgraded to be able to operate from the latest generation of back up systems incorporating automatic summer / winter time changes.



### Church Dial

The original 18th Century timber dial had rotted to the point that pieces were falling off. Here we had to manufacture the dial to be an exact replica of the original. The numerals were traced and copied and then sign written, followed by application of traditional Gold Leaf.

### Southampton Docks

The original clock had been derelict for many years. All the mechanical parts including the mechanism had been lost. We renovated the cast iron skeleton dials and fitted new mechanisms and hands and provided a radio signal controlled back up system.



### London St Ethelburga's

The church was virtually destroyed by the IRA 'Bishopsgate Bomb'. The specification called for a new copper convex dial and hands to be made using only archive photographs as a historical reference. The original bell was salvaged from the rubble and now strikes on the hours again.

### Bath Post Office

The Bath Post Office was redeveloped into shops and the original clock stolen from site. Working from the only known photograph of the original, sent into a local newspaper by a resident, a replica was manufactured matching the ornate dial and intricate hands inside a bronze coloured bezel with domed cover glass.



# Cupolas

## Roof Turrets, Clock Towers

Cupolas from Good Directions Ltd will transform the appearance of any building.

These attractive GRP features can be used simply for their aesthetic appeal or for specific functions - a clock tower, to carry a weathervane, as a source of natural light or ventilation.



### Oxford Range

Our most popular style of roof turret, the Oxford has arched louvers, which can be fitted with clocks or real louvres for venting. Available in six sizes from 510mm to 1800mm base widths with a wide choice of roof styles and optional base skirt.



All our roof turrets come with white body and lead effect roof as standard however they can be manufactured in any BS or RAL colour.

The square Oxford, Winchester and Salisbury cupolas have an authentic wood grain surface with the additional choice of four realistic stain finishes.



White as standard



Light Oak



Dark Oak



Cherry



Mahogany



### Winchester Range

Our Winchester roof turrets have square louvre panels, which can be fitted with clocks or real louvers for ventilation. This square based roof turret is also available in six standard sizes from 510mm up to 1800mm base widths with optional roof styles and base skirts.



### GRP

An abbreviation for 'glass reinforced polyester' GRP is a lightweight, durable and astonishingly tough constructional material with a very long life span. Our GRP roof turrets and clock towers are also easier to install than their traditional material counterparts, require no painting and minimal maintenance.

A great deal of attention is given to the moulding details and roof finishes of our cupolas ensuring that the original style, colour and even surface finishes of traditional materials are maintained.



# Cupolas

## Additional Standard Designs

### Square and Rectangular

We have the largest standard range of roof turrets available, with a wide choice of styles and sizes to suit any application.

Cambridge



Suffolk

Sarum



Salisbury



### Hexagonal and Octagonal cupolas

Shown below is a small selection of our hexagonal and octagonal style cupolas. Standard designs range from 500mm wide up to 4.2m. Most of our standard designs can be modified to suit customer requirements.

Edinburgh



Newmarket



Chichester



Chester





### Customisation

All of our standard roof turrets can be tailored to create something unique to suit customer requirements using sign writing, commemorative dates, logos and bespoke weathervanes for example.



### Application

Our smaller standard cupolas are suitable for domestic properties, houses and garages whereas the larger size roof turrets and clock towers are typically used on civic and commercial buildings.



**Double Ogee**  
Lead effect



### Ventilation Turrets

All our cupolas can be adapted to offer an ideal means of achieving inlet and outlet ventilation whilst providing an attractive architectural enhancement of the property on which they are installed.



### Roof Styles

In order to imitate the original detailing found on traditional roofing all of our moulds are taken from hand crafted lead, copper and tile patterns. Realistic surface finish, colour matching and even aging is achievable. Copper effect roofs can be supplied in a natural or verdigris finish.

**Pagoda**  
Lead effect



**Pyramid**  
Lead effect



**Ogee**  
Lead effect



**Pyramid**  
Slate effect



**Bell**  
Copper colour



**Dome**  
Lead effect





### Glazed Cupolas

Commissions can be taken for glass or double glazed cupolas. They allow natural light into a building and when illuminated create a spectacular night time feature.



### Installation

The majority of our roof turrets and clock towers are installed by on-site builders however our installation services are available.

Prior to fitting a Good Directions roof turret you will need to construct a ridge box within the structure of your roof using drawings provided. The plywood sides of the box are then either completely covered with lead or simply lead flashed if using one of our GRP base skirts.



Lead effect GRP skirt being put into place over ridge box.



Cupola being lowered in to position. The use of a crane is recommended on cupolas over 900mm wide.

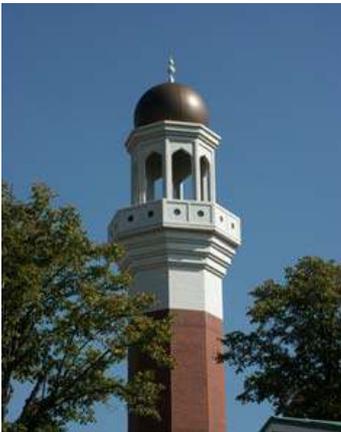
# GRP Structures

## Domes, Minarets, Mosques

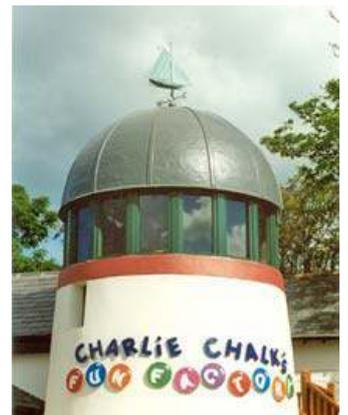


GRP structures can be manufactured to specific designs and sizes as shown in these examples.

We have a large range of special moulds, which can be used in numerous ways such as on lift shafts, restaurants, entrances, etc...



At Good Directions we have the expertise to project manage large complex schemes from concept, design and manufacture through to installation.



## Restoration

Replicas or replacements of past or existing structures can be manufactured in GRP, working from photographs or even measuring what is left of the original feature.

The advantages of working with GRP are reduced weight, increased strength and minimal maintenance.



Below is a 5.5m high clock tower, manufactured for the Ellesmere Shopping Centre. It even imitates the original clock by striking thirteen times at one o'clock using our electronic chiming system. All four clocks are linked to the Atomic time signal.



The clock tower below was copied from the original and now has pride of place back above a restaurant in Bournemouth. A unique feature of this 3m high cupola is that it actually rotates through 360°. Three sides have radio controlled lithium battery clock mechanisms. The fourth side has a window for a camera obscurer. This projects a view of the surrounding precinct onto a table below.



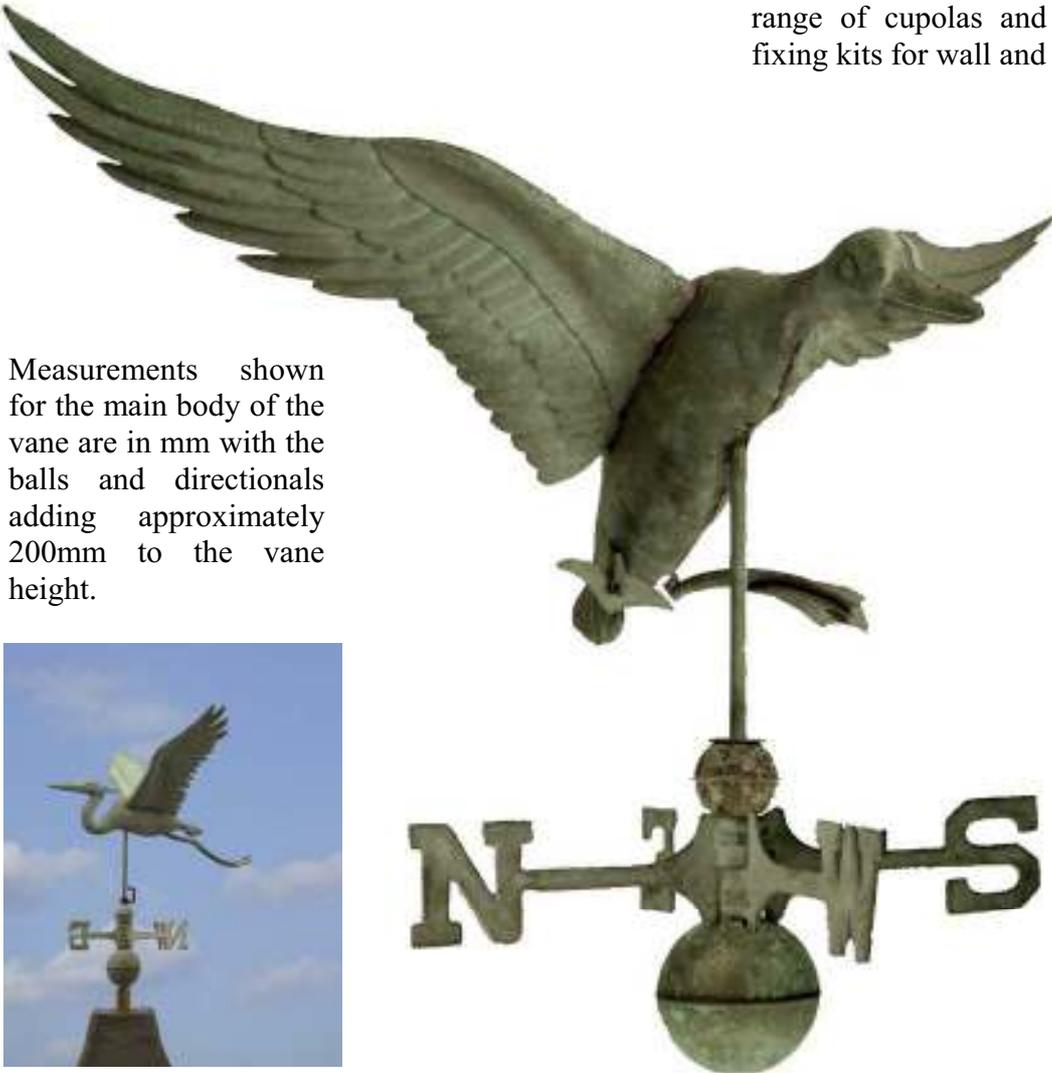
# Weather vanes

## 3D Copper, Bespoke Silhouette

### Landing Duck

NW109 H: 430, L: 470, W: 660

NW404 H: 310, L: 300, W: 560



Measurements shown for the main body of the vane are in mm with the balls and directionals adding approximately 200mm to the vane height.

We offer an extensive range of three-dimensional weather vanes, made in copper with brass directionals. They are treated to give a natural verdigris finish, unique to each weather vane. Each vane has been designed to complement and fit our range of cupolas and clock towers. A range of fixing kits for wall and roof mounting are available.



### Sailboat

NW133 H: 970, L: 700

NW134 H: 670, L: 500



### Heron

NW110 H: 400, L: 720, W: 730

NW427 H: 350, L: 440, W: 500



### Snow Goose - NW137

H: 500, L: 730



### Rooster - Large NW145

H: 680, L: 680



### Rooster - Standard NW144

H: 540, L: 630



### Pheasant - GD632

H: 500, L: 730



### Eagle - NW135

H: 470mm, L: 600, W: 550



**Arrow - Standard NW714**  
H: 590, L: 760



**Arrow - Decorative**  
NW209 H: 470, L: 890  
NW433 H: 340, L: 560



**Cricketers**  
Powder coated stainless steel



**Banner - NW188**  
H: 580, L: 630



**Lion - NW148**  
H: 370, L: 640



**Feather**  
Powder coated stainless steel



**Pig - Happy NW191**  
H: 430, L: 730



**Cat - NW172**  
H: 430, L: 530

In addition to our standard range, custom designs can be manufactured to any size and from virtually any material. We can work from artwork supplied or help design a unique weathervane. Here are just three of the many designs we have manufactured.



**Horse - Large NW101**  
H: 450, L: 870



**Horse - NW149**  
H: 400, L: 800



**Old Father Tyme**  
Powder coated stainless steel

**Weathervane Fixing Kits**



**Roof Mounting**



**Wall Mounting**



**Gable**  
100mm projection

# Finials

## GRP and Copper



**GRP - Lead Effect**  
Available in 4 sizes



**GRP - Verdigris Effect**  
Available in 4 sizes

For that finishing touch to any clock tower or roof, we have a large selection of copper and GRP finials in a wide range of sizes and finishes to suit any application. The copper verdigris finish is unique to each finial.

We manufacture custom finials to suit individual designs, such as crosses for churches and crescent moons for mosques.



**Copper - Natural**  
Available in 4 sizes



**Copper - Verdigris**  
Available in 4 sizes



**Copper Air Rod  
Verdigris**  
Available in 7 sizes,



**Copper Air Rod  
Natural**  
Available in 7 sizes



**Copper - natural**



**Copper - Natural**



**Crescent Moon**  
Custom



**Cross**  
Custom

# Signage

## Custom Signage



Known primarily for producing clocks, roof turrets and GRP structures, we also have our own in-house sign manufacturing facilities.

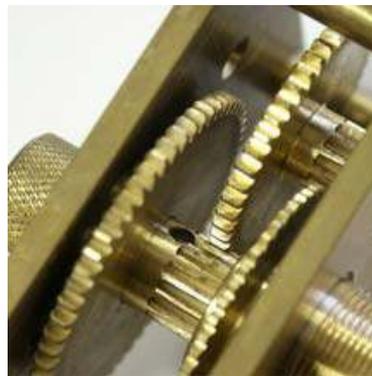


Our expert signage team are able to create eye catching features that will enhance any company. Shop fronts, sign boards, banners, freestanding signs, vehicle graphics, engraving and gilding are just some of the sign solutions we offer at Good Directions.

Within a design it is possible for us to add moving and rotating elements, LED illumination and even fully functioning clocks.



# Good Directions



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