

## ATV PROGRAM - 48K SPECTRUM

To load the program:-

LOAD "" CODE      Note: CODE is a spectrum keyword

When the program has loaded enter the QRA of your site e.g. ZK18B, then enter the time, hours then minutes followed by your callsign. After a few seconds this information should appear on the screen with the message 'EMPTY' displayed at the bottom, which of course you can change.

<u>COMMAND</u>	<u>Function</u>
*	Prefix to change first line e.g. *GW8ABC 4 to 8 char's.
**	" " second line e.g. **ZK82C 4 to 8 char's.
***	" " third line e.g. ***WORTHING 4 to 8 char's.
message	Of 4 - 45 characters will produce lateral scrolling across the middle of the screen.
single char.	A single character will be enlarged 32 times to fill the screen
CO	Continue scrolling.
Valid QRA	Will calculate the distance from site QRA and display at foot of screen.
Cpi	Will allow colour change where p=Paper and i=Ink colours e.g. C07.
CH	Cross Hatch.
COL	Colour bars in any direction selected by keys 5,6,7 & 8.
CS	To set the clock, first hours then minutes should be entered.
CF	To turn clock off.
CN	To turn clock on.
CL	To put the clock in the top left corner of the screen.
CR	To put the clock in the top right corner of the screen.
CD	To use the background colours for the clock.
CB	To highlight the clock with bright background.
C1	Clock displayed using spectrum character set.
C2	Clock displayed using chunkey character set.
DEMO	Demonstrates some of the features of the program.
D1	Doubles size of the first line and displays in middle of screen.
D2	Doubles size of the second line and displays in middle of screen
D3	Doubles size of third line and displays in middle of screen.
ENTER	Will return you from any screen to the message/command screen.
FG	Hi-res union Jack (Not Sinclairs), with callsign insert.
F1	Causes the first line to flash.
F2	Causes the second line to flash.
F3	Causes the third line to flash.
M1	First Hi-res map with callsign insert.
M2	Second Hi-res map with callsign insert.
PA	Pattern with callsign insert.
RUN	Re-starts program.
T1	Hi-res test card with callsign insert.
T2	Second test card with callsign insert.

ATV PROGRAM - 16K SPECTRUM

To load the 16K version of the ATV Program type LOAD "" and then ENTER. When the Program has loaded a BEEP will be heard. Press the 0 key for the display screen. Here are a list of the commands.

0=Display screen.

1=To change line 1. (4 to 8 characters)

2=To change line 2. (4 to 8 characters)

3=To change line 3. (4 to 8 characters)

4=To Change the message in the Test card.

5=Colours bars (white left)

6=Colours bars (white down)

7=Colours bars (white up)

8=Colours bars (white right)

9=Crosshatch.

Q=Double height printing of line 1.

W=Double height printing of line 2.

E=Double height printing of line 3.

R=Double height printing on Test card message.

T=Testcard.

Y=Full screen printing of any character after the Y. To return press ENTER.

U=To change the colours. First new Ink colour then paper.