

---

# 900 Series

---

## Software Release Notice

---

SRN/MUSIC/1

28th March 2015

### PURPOSE OF RELEASE

To make available music playing programs tuned to specific 903 computers.

### CONTENTS OF RELEASE

The release consists of three sum-checked binary tapes and four data tapes, labelled:-

903	AJH_MUSIC19/02/2015	Music Player for A.J. Herbert's
	TNMOC_AJH_MUSIC 27/02/2015	Music Player for TNMoC 903
	CCH_AJH_MUSIC 27/02/2015	Music Player for CCH 903
	AJH_CLASSICAL 05/02/2015	Data for playing classical
tunes		
	AJH_FOLK 05/02/2015	Data for playing folk
tunes		
	AJH_CHRISTMAS 05/02/2015	Data for playing
Christmas tunes		
	AJH_ENTERTAINER 05/02/2015	Data for playing "The
Entertainer"		

### DOCUMENTATION CHANGES

There is no current documentation for AJH\_MUSIC. A brief summary follows:

#### Entry points

- 8 Read in and play a music tape repeatedly.
- 9 Read in and play a music tape once, then read another tape,  
etc.
- 10 Replay the last read in music tape.

#### Notation

Notes are written as letter, digit pairs, with the letter indicating the pitch and the digit the duration.

The letters A-G H-N O-U V denote naturals in successive octaves, a-g h-n o-u  
v: notes a semitone higher than matching capital letter.

WwXxYyZz are permitted but output no note.

Notes may be augmented by a following symbol:

\$: increase pitch by a semitone

+: increase pitch by an octave.

-: decrease pitch by an octave.

The "notes" [\]^\_` play as rest - i.e., silence.

There are three directives to adjust the tempo at which music is played:

&n: decrease tempo by factor 1.n where n=1,2,...,9,;,...@.

n=0 resets tempo to normal.

\* double tempo.

/ halve tempo.

Other symbols occurring between pairs of notes and/or directives are ignored and  
can be used as separators.

ERRORS CLEARED

Not applicable.

ACKNOWLEDGEMENTS

Thanks are due to Mr Froggatt of Fleet, Hants for the source code of his  
music player .

QUERIES

Any queries relating to this release should be made on a software enquiry form  
to:-

Andrew Herbert  
17 Latham Road  
Cambridge CB2 7EG

Release Authorized by Andrew Herbert  
Chief Author( AJH MUSIC)