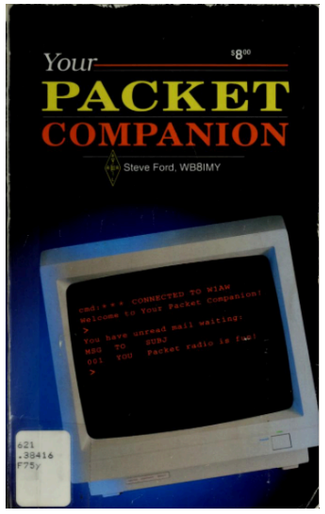

Amateur Radio
and the Apple II
KansasFest 2020
Advanced Electronic Applications, Inc.
Computer Patch™ Interface
FILTER
VAR 170 CW
TUNE
VAR SHIFT
STBY/PTT NORM OFF
MAN Tx REV ON PWR
Model CP-1
Peter Neubauer (KD0QXJ) / 24 July 2020 / bluerwhite.org

What is amateur radio?

Guglielmo Marconi (1874-1937)

Photo sources:
https://www.thoughtco.com/guglielmo-marconi-biography-4175003
http://www.arrl.org/images/view/Licensing__Education_/TomaAndRobert1a.jpg
https://www.sota.org.uk

The Personal Computer Revolution



Gabe Wiener, A+, November 1987

https://apple2online.com/web_documents/A+%20Magazine%2087-11%20KBS.pdf
https://archive.org/details/yourgatewaytopac00horz
https://archive.org/details/yourpacketcompan00ford

The Personal Computer Revolution

https://archive.org/search.php?query=73%20packet
https://archive.org/details/73-magazine-1983-09/page/n39/mode/2up
https://archive.org/details/73-magazine-1989-10/page/n25/mode/1up
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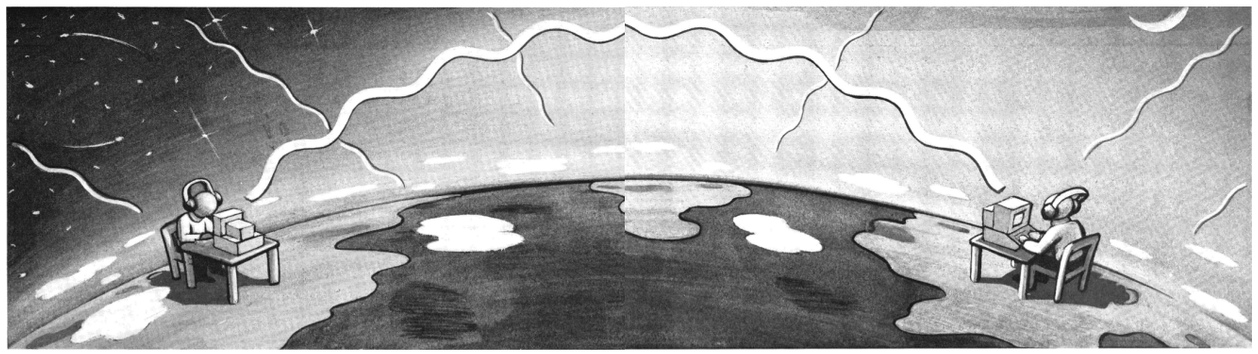
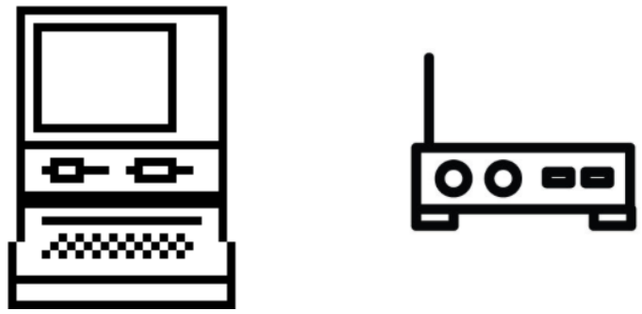
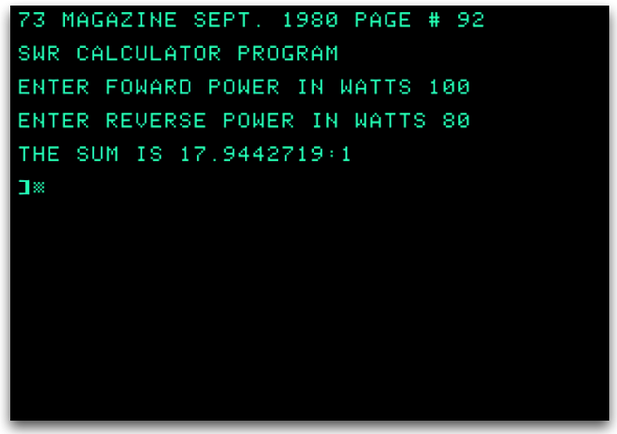
Wireless Digital Communication



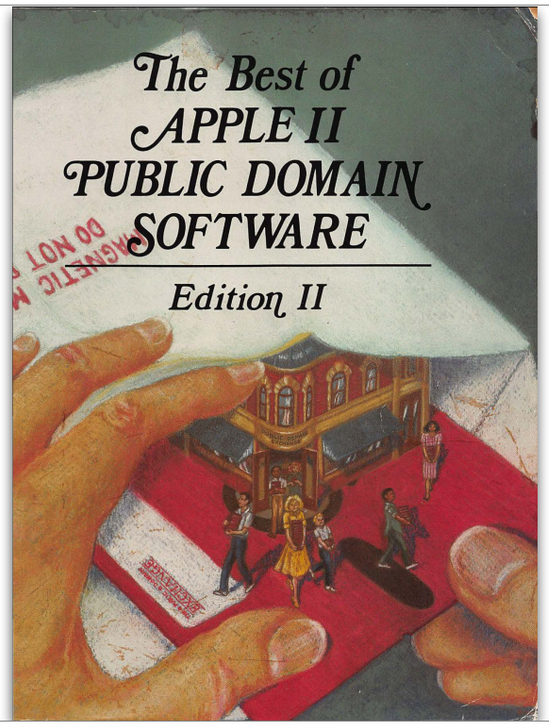
A+, November 1987, pp 80-81

Disconnected





https://www.callapple.org/soft/ap2/pds.html



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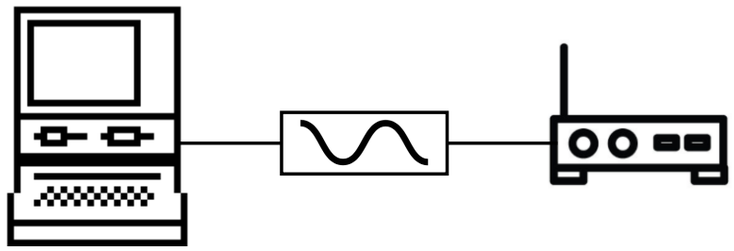
Ham Listings

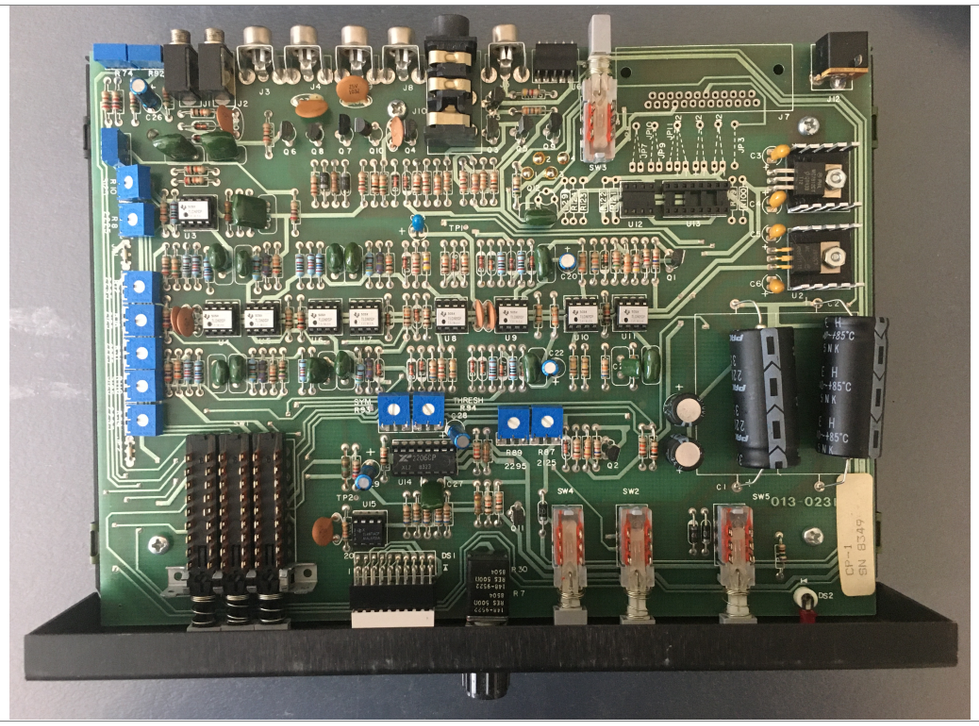
Here's a selection of programs to help the ham operator. DXCC WAGNER allows you to search for listings by entering a call's prefix, country, or continent. For each prefix you receive information on geographical location, beam heading, whether the prefix was worked and whether you have the prefix confirmed. Fifty new prefixes can be added. DXCC GAME WITH PRINTER tests your ability to identify prefixes and countries. LOG AMATEUR RADIO helps you set up a log and add and print entries. Several programs such as WAS RECORDS and WAZ RECORDS store useful information.

A DXCC DEMATTIA	Stores data for five-band DXCC, indicates the location of data for revision.
A DXCC GAME WITH PRINTER	Tests your ability to identify DXCC code.
A DXCC WAGNER	Searches for a listing by inputting a call's prefix, country, or continent.
A ELCT CALCULATOR I	Seven different functions that calculate problems in electronic design.
A FILTER NOTCH	Makes calculations for construction of a notch filter.
A LIGHTING LIFE CYCLE	Analysis of the economic life of a lamp.
A LOG AMATEUR RADIO	Log that stores radio information by date, call sign, mode, and band.
A MAP PROJECTIONS	Asks for longitude and perspective in terms of radians, then inscribes the product.
A REACTANCE CALCULATIONS	Solves problems for inductance, capacitance, and inductive reactance.
A RESISTOR COLOR CODE DECODER	Mixes colors then gives the tolerance and number of resistance.
A RESISTOR COLOR CODE QUIZ	Learn resistor color codes.
A TOWER GUY WIRE LENGTHS	Gives length of cable needed, input information about height, distance, and number of sets of three guy wires.
A TRANSISTOR PARAMETERS	Calculates transistor parameters needed for given information.
A WAS RECORDS	Same as DXCC DEMATTIA, but stores information on states in the U.S.
A WAZ RECORDS	Same as WAZ RECORDS, but stores information on zone.

Terminal Units




Advanced Electronic Applications, Inc.
Computer Patch™ Interface
FILTER
VAR 170 CW
TUNE
VAR SHIFT
STBY/PTT NORM OFF
MAN Tx REV ON PWR
Model CP-1


CP-1
SN 8349

ENGINEERING MAKES THE DIFFERENCE

Production Expertise And Service Integrity Form The Foundation For Your Long-Term Satisfaction

The fact that the Computer Patch Interface unit by Advanced Electronic Applications, Inc. is known as the best value on the market is no accident. The CP-1 was designed by Al Chandler, K6RFK (PHD-E.E.), an active RTTY user since 1963.

Given a cost per unit budget for the CP-1, Al designed as much performance as possible into the Computer Patch, including a unique new tuning indicator, referred to by one of our customers as the "Dead Eye Dick" tuning indicator. This indicator is ideal for RTTY and CW, in that it is both fast to tune and (within 10 Hz) as accurate as scope tuning. It also performs under

https://willegal.net/digitalradio/Galfo-HAM-App.html

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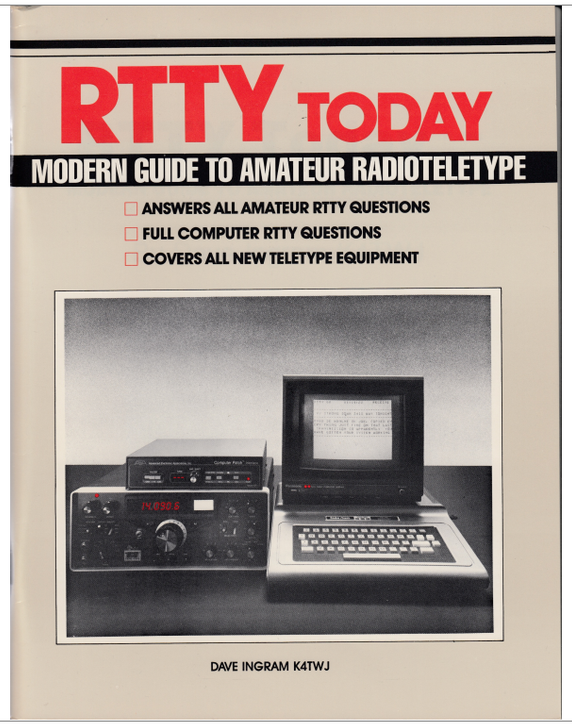
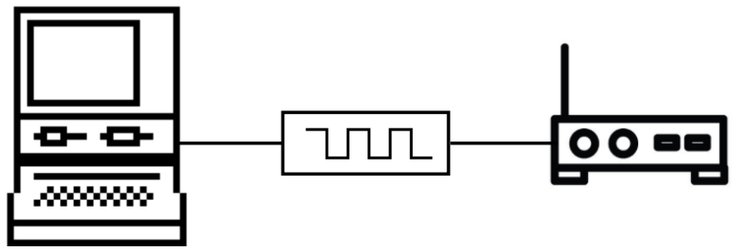
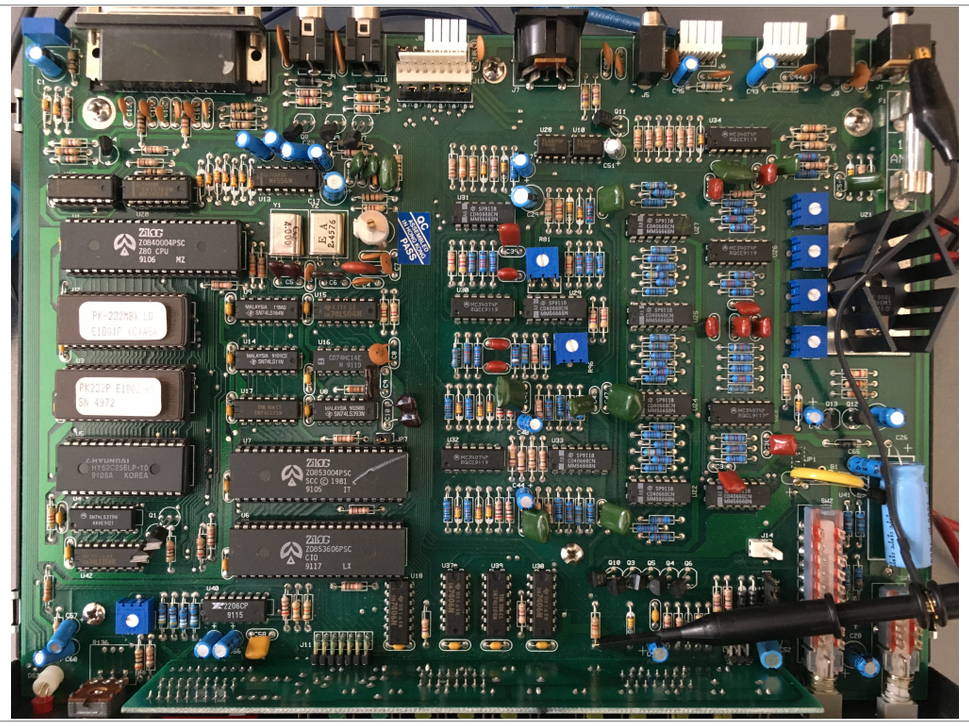


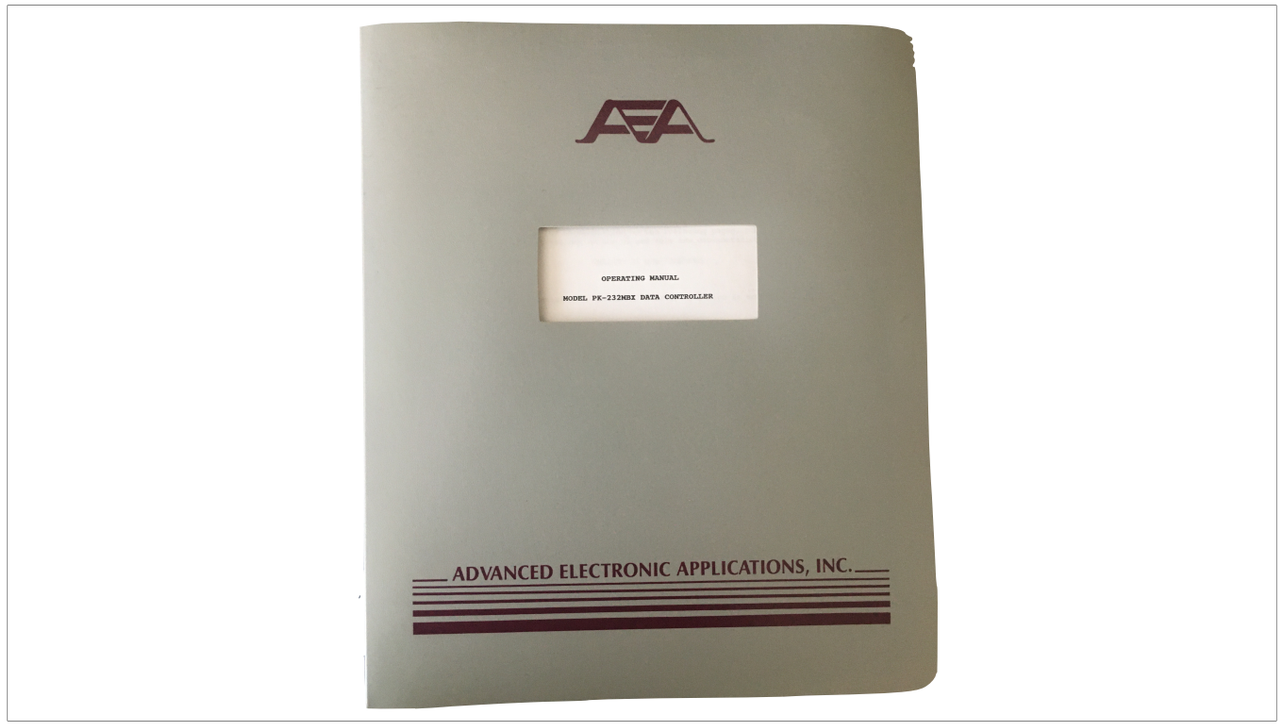
https://www.universal-radio.com/catalog/books/0826.html

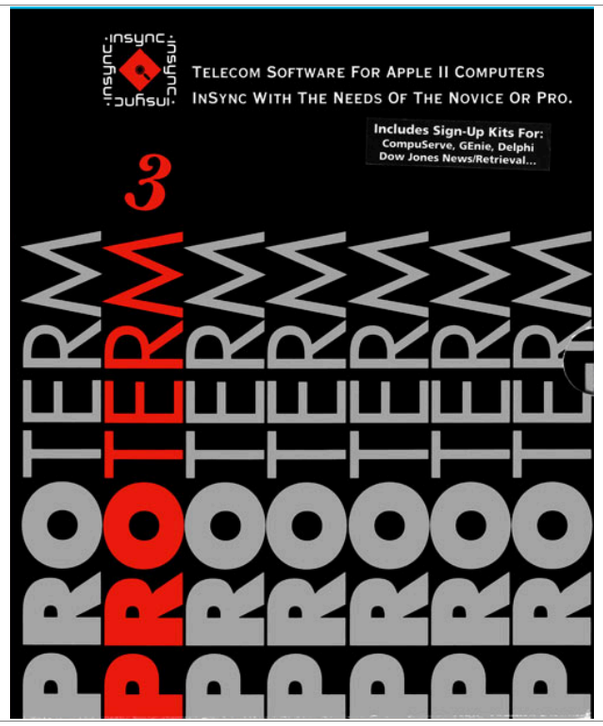
All-Mode Controllers and Terminal Node Controllers




Advanced Electronic Applications, Inc.
Model PK-232MBX
THRESHOLD
M
S
DCD
TUNE
PAKRATT 232
ERROR
IDLE
PHASE
STBY
MULT
SEND
CONV
RQ
TFC
OVER
STA
CON
CMD
TRANS
STATUS
STBY
MODEL
FEC
ASCII
BAUDOT
ARQ
SELFEC
PKT
MORSE
MODE
RADIO 1
OFF
RADIO 2
ON


ZILOG
Z0840004PSC
Z80 CPU
9106 MZ
PK-232MBA LD
EIBOIF
PK232P EIBOIF
SN 4972
HYUNDAI
HY62256BLP-10
9106A KOREA
ZILOG
Z0853004PSC
SCC @ 1981
9106 IT
ZILOG
Z0853606PSC
CIO
9117 LX
Z80B0P
9115
4.000
E A
24576


OPERATING MANUAL
MODEL PK-232MBX DATA CONTROLLER
ADVANCED ELECTRONIC APPLICATIONS, INC.


TELECOM SOFTWARE FOR APPLE II COMPUTERS
INSYNC WITH THE NEEDS OF THE NOVICE OR PRO.
Includes Sign-Up Kits For:
CompuServe, GEnie, Delphi
Dow Jones News/Retrieval...
3
PROTERM

https://mirrors.apple2.org.za/apple2.caltech.edu/comm/apradio.shk

https://mirrors.apple2.org.za/apple2.caltech.edu/comm/apradio.shk

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