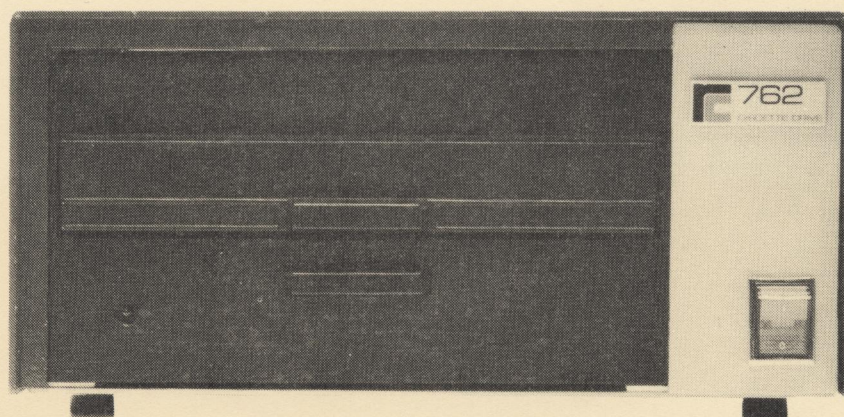




RC762 **Flexible** **Disc Drive**

- 8" MAXI-DISKETTES
- SINGLE OR DOUBLE SIDED, SINGLE OR DOUBLE DENSITY, DISKETTES
- FULLY IBM MEDIA COMPATIBLE
- AUTOMATIC LONG-LIFE FEATURE
- SELF-CONTAINED UNIT



GENERAL

The RC762 flexible disc drives are direct access storage devices. The storage medium is single or double sided, soft-sectored maxi-diskettes (8") accessible in single or double density mode (FM or MFM). The maximum on-line storage capacity is 1.15 M bytes (formatted data) per disc drive. The disc drives are used in connection with RC850 terminal systems and RC700 microcomputer systems. Two drives can be daisy-chained.

CHARACTERISTICS

In connection with the RC850/RC700 systems the diskettes in use conform fully to the IBM-formatted diskettes. One read/write head is provided for each single surface. To prevent unnecessary wear of the equipment the following valuable long-life feature is available: the read/write head can be pulled away from the diskette surface merely by taking appropriate steps in programming.

Other features of the RC762 flexible disc drive are: position check circuitry, automatic detection of write-protected diskettes and on-line/off-line check circuitry.

In case two drives are daisy-chained, the memory access by the drives takes place alternately. The drives are specifically referred to as RC762-1 (drive "1") and RC762-2 (drive "2"). In daisy-chaining drive "2" is the one connected to the system and drive "1" is connected to drive "2". The drives are delivered as separate, self-contained units.

SPECIFICATIONS

Storage media:	any standard single or double sided maxi-diskettes, single or double density, conforming to IBM standard
Diskette rotation:	360 rpm
No. of tracks:	77 tracks on each side, max.
Track density:	48 tracks/inch.
Bit density:	6816 bits/inch - inner track (double density)
Encoding method:	FM, MFM
Storage capacity:	double sided, double density mode: 1.6 M bytes unformatted 1.15 M bytes formatted for RC850 0.925 M bytes formatted for RC700
Transfer rate:	500 k bits/sec. in double density mode
Latency, average:	83 ms
Head positioning:	3 ms - adjacent tracks 91 ms - random average
Power requirements:	220/240 V AC \pm 10%, 50 Hz \pm 1%, 83W
Temperature, amb.:	10-30°C (50-86°F)
Humidity, relative:	20-80%, non-condensing
Heat dissipation:	300 kJ/h (72 kcal/h, 283 BTU/h)
Mounting:	self-contained unit for desk top mounting

DIMENSIONS

Height:	30 cm (11.8 in.)
Width:	36 cm (14.2 in.)
Depth:	33 cm (13.0 in.)
Weight:	6.5 kg (14.3 lb.)