CONTROL DATA® 2572-1/2572-2 CARD READER AND CONTROLLER

FOR USE WITH THE CDC® 255X SERIES HOST COMMUNICATION PROCESSOR (HCP)

CONTROL DATA
C O R P O R A T I O N

The CONTROL DATA 2572-1 and 2572-2 Card Reader/ Controller units are inexpensive, highly reliable desk-top card readers, designed for use with the CDC 255X Series Host Communication Processor.

Reflective fiber optics read punched cards photoelectrically. Cards are fed by actuation of a hopper-feed plate and a four-inch diameter, rubbercoated rotating drum transports each card beneath the read station. The card is held firmly against the transport, eliminating all flutter and skew during the read operation. Cards entering the powered output stacker are received by spiral rotating springs, located on each side of the stacker. These springs move the card outward, allowing approximately one-half inch for the next descending card.

The CDC 2572-1/2572-2 Reader/Controllers are designed

with hopper and feeder, read station, stacker, power supply and logic as modular subassemblies. These units have no critical mechanical adjustments and offer trouble-free, low cost operation. Connection between these card readers and the CDC 255X Series HCP is via a single printed-circuit board controller which can be plugged into any Interrupt Data Channel position in the computer's main or expansion enclosure.

FEATURES
- Design simplicity and modularity
- Read speed of 300 cards per minute (Model 2572-1) and 600 cards per minute (Model 2572-2)
- Easy Maintenance:
  — Durable parts

— Ease of adjustments
— Careful design has eliminated critical parts and tolerances
— Built-in diagnostic capabilities
• Photoelectric reading; light/dark check, read resync

SPECIFICATIONS

Speed, Model 2572-1: 300 CPM
Speed, Model 2572-2: 600 CPM
Punched Cards: 80-column, square or round corner, ANSI compatible cards
Hopper Capacity: 1000 cards
Stacker Capacity: 1500 cards
Read Method: Photoelectric, using reflective light

Operator Controls —
   Switches: Power On
             Lamp Test
   Indicators: Power On
             Hopper
             Stack
             Read Check

Physical —
   Height: 17 inches (43.18 cm)
   Width: 14 inches (35.56 cm)
   Depth: 21 inches (53.34 cm)
   Weight: 55 pounds (23.85 kg)

Power —
   Source: 104-128 VAC, 57-63 Hz, single phase, 3 wire
           187-228 VAC, 57-63 Hz, single phase, 3 wire
           198-268 VAC, 48-52 Hz, single phase, 3 wire

   Nominal Consumption: 104-128 VAC, 57-63 Hz, 3.0 amps
                        187-228 VAC, 57-63 Hz, 1.5 amps
                        198-268 VAC, 48-52 Hz, 1.5 amps
                        90-110 VAC, 48-52 Hz, 3.0 amps

Environmental —
   Operating Temperature: 60°F to 90°F
   Operating Humidity: 30% to 80% R.H.
                       (non-condensing)
   Non-operating Temp: −30°F to 150°F
   Non-operating Humidity: 5% to 95% R.H.
                       (non-condensing)
   Heat Dissipation: 500 BTU/HR (max)

Specifications subject to change without notice.

OPEN POSITION   HOPPER   TIMING DISC   READ HEAD   CABINET   POWER STACKER   STACKER