

CARTS: MULTIMEDIA CARTS

PRESENTER'S ASSISTANT FOR LEARNING (PAL) CART

- **Complete:** The Presenter's Assistant for Learning (PAL) offers total support for classroom electronics, supporting a projector, document camera, DVD player, audio system, audio mixer, laptop computer, and more.
- **Compact:** The footprint of PAL is small, allowing it to be easily transported from one location to another and fit between tables and desks in a classroom.
- **Secure:** All doors lock to deter theft and the lower cabinet is perforated to dissipate heat and protect electronics from overheating.
- **Accommodating:** Standard 19" rack rails support a large variety of rack mounted electronics and accessories.
- **Powerful:** Optional 12-outlet power strip with 20 foot power cord easily supports any and all electronics used and will reach a wall outlet from most anywhere in a room.
- PAL Cart has achieved **GREENGUARD GOLD** Certification.

SPECIFICATION INFORMATION

CART ASSEMBLY

Presenter's Assistant for Learning carts feature a pre-assembled welded cabinet with 20-gauge steel top shelf and one (1) 18-gauge steel bottom shelf. Top and bottom shelves are overall 22-3/4" w x 22-3/4" d. One (1) 20-gauge steel middle shelf is 20-3/4" w x 20-3/4" d and supports the pull-out projector shelf. Each shelf is arc welded to the side panel assemblies, which are formed to provide upright support at each corner. The top shelf includes a handle which extends 2-3/4" off the side of the cart and mounts using 1/4" square head bolts and hex nuts.

Side panel and door assemblies are constructed from 20-gauge steel. Small front and full length rear doors allow access to both sides of the cabinet and lock using a key lock. Front fold down panel allows access to the data projector. All doors include locks and are keyed alike, six (6) keys included. Cabinet side panels and doors are perforated to ventilate equipment. Lower cabinet interior is 20-3/4" W x 20-3/4" D x 21-1/4" H and include two 19" rack mount rails. The 19" rack mount assembly is installed inside the cabinet and provides 18" depth clearance from the rails to rear cabinet wall and has 13 unit spacing available for rack mount equipment, shelves and drawers. Two (2) 19" rack compatible accessory shelves are included, each shelf requires 2 units of spacing. Each accessory shelf is 17-1/2" W x 14-1/2" D and a minimal of 3-1/2" H. Each shelf has 1-1/2" clearance from the side of the shelf to the side wall.

Each lower corner of the cabinet has a hard plastic stem caster inserts mounted in the bottom to support a stem caster. Stem casters are 4" diameter hard rubber or plastic twin wheel and are load rated for 115 lbs. each and two include locking brakes.

PULL-OUT SHELVES

Each cart includes two pull-out shelves, one in front for a data projector and one in the rear for a laptop computer or other mobile device.

The data projector shelf is constructed from 18-gauge steel and is 16-1/2" W x 14-1/2" D and is 31-3/4" H off the floor. The projector shelf extends off the front side by 13" and is accessed from a fold down front panel. Projectors have 6" of height clearance from the pull-out projector shelf to the upper section of the cabinet.

The laptop shelf is constructed from 18-gauge steel and is 19" W x 11-3/4" D and is 39" H off the floor. The shelf extends up to 11-3/4" off the back side and is mounted below the top shelf and accessed behind the full length door. The laptop shelf has 3/4" of height clearance when closed but may be flipped over to create a tray and provide 1-1/2" of height clearance when closed.

ACCESSORY SPEAKER

The line array speaker, manufactured by AmpliVox(R) Portable Sound Systems, mounts to the PAL Cart speaker shelf with included mounting bracket and hardware kit. Features audio L/R line-out RCA, 3.5mm line-in/line-out, and plug-in microphone jacks. Features separate volume controls for speakers and microphone. Universal 100-340V AC adapter with IEC line cord included. Speaker is UL Listed and suitable for use in US and Canada. Per the ESA, suitable for use in Ontario, Canada.

SPEAKER SHELF

Space is available for a small speaker system on the middle shelf inside the cabinet, behind the pull out data projector shelf and under the pull out laptop shelf. Speakers project rearward through the full length door and the space can accommodate speakers up to 20" W x 5" D x 6" H.

CORD MANAGEMENT

Carts include multiple 3" diameter grommet holes to allow power and data cables to run in and out of the cart and keep cables neat. Both top and internal middle shelf include a grommet to allow cords to pass from the top shelf into the lower section of the cabinet. The side panel with handle includes a grommet at the bottom of the panel at the cord winder. Each 3" grommet hole includes a plastic trim ring. A external cord winder is

included on the side panel below the handle and allows cords to be kept neat when not in use. The top shelf handle doubles as a cord winder for additional data and power cables.

ELECTRICAL UNIT

Models TCP23FF and TCPUL23FF included a surge and overload protected 12-outlet electrical assembly with on/off switch and 20' long grounded power cord. The electrical unit secures to the bottom shelf and cords exit the cart through a grommet hole. An external cord winder is included.

125 Volts, 15 Amps, 60Hz

ACCESSORY DATA PASS THROUGH PLATE

Carts include a cut out in the side panel under the handle that may accommodate a data pass through plate. The cut out is sized for a dual wall plate and may be used with the TCDPT data plate from Bretford. After market data plates may be used but must be sized for a dual wall plate installation. The data plate includes HD15/VGA, 3.5mm audio and RCA jacks and use standard cables on both sides. Cables are not included.

ASSEMBLY

All Presenter's Assistant for Learning carts ship fully assembled.

FINISH OPTIONS

Carts are available as standard in black pumice (BK), grey mist (GM), topaz (TZ), or concrete (CT) powder paint. Additional finishes are available by special order only for an up-charge.

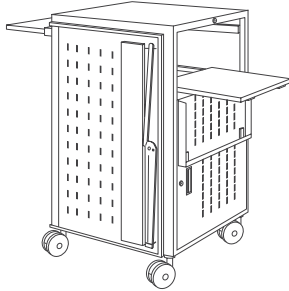
CONSTRUCTION AND ENVIRONMENTAL TESTING

PAL Cart has achieved GREENGUARD GOLD Certification.

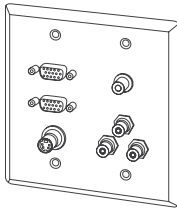
RECYCLED CONTENT

Carts are constructed with a steel that is comprised of a minimal 25% to 35% post-consumer recycled material. All steel components are completely recyclable at the end of the product life cycle.

PRESENTER'S ASSISTANT FOR LEARNING (PAL) CART



- Available in four powder paint finishes; black pumice (BK), topaz (TZ), concrete (CT), grey mist (GM). Other finishes are available by special order



- Pass through for two HD15/VGA, 3.5mm audio, RCA video and audio, and S video

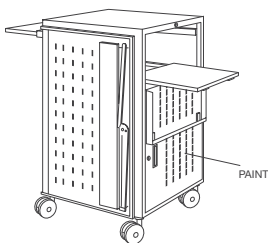
PAL Cart

Model #	W x D x H	Wt	Caster Size	Shelf Size	Electrical	Speaker	List Price
TCPUL23	23" x 23" x 41"	65 lbs	4" Twin Wheel	23"W x 23"D	-	N	\$1,067
TCPUL23FF	23" x 23" x 41"	69 lbs	4" Twin Wheel	23"W x 23"D	12-Outlets	N	\$1,201
TCP23	23" x 23" x 41"	65 lbs	4" Rubber	23"W x 23"D	-	N	\$1,067
TCP23FF	23" x 23" x 41"	69 lbs	4" Rubber	23"W x 23"D	12-Outlets	N	\$1,201

Accessories

Model #	Description	W x D x H	Wt	List Price
SS1234B	Accessory Speaker	17" x 5" x 3.5"	5.5 lbs	\$875
TCDPT	PAL Data Pass Through	4.5" x 0.625" x 4.5"	1 lb	\$185
TCPE10	PAL 12-Outlet Electrical Kit	-	1 lb	\$134

CARTS, TRUCKS & LECTERNS



How to Order a PAL Cart:

Example: 23" x 23" Cart; Topaz Paint.

TCP23FF - TZ
MODEL NUMBER PAINT