

CAD Standards

March 2, 2010

Computer-aided design drawings standard settings for web access.

Drawing format AutoCAD DWG & DXF (Version 2000 compatibility)

File naming convention cad_productfamily_model_series_xdimensions.extension

cad_lt_3202wr_2d.dwg / cad_panaray_402_s2_3d.dxf

Layering Specifications

Layer name	Description	Plot	Color	Linetype	Lineweight
"0"	Empty (system)	Yes	7 (White)	"Continuous"	0.005 mm.
"DEFPOINTS"	Dimension anchors layer (system)	No	7 (White)	"Continuous"	0.005 mm.
"ES-DEVICE"	All product features	Yes	1 (Red)	"Continuous"	0.250 mm.
"ES-DIMENSION"	Dual unit dimension elements	Yes	7 (White)	"Continuous"	0.005 mm.
"ES-TEXT"	Any descriptive text	Yes	4 (Cyan)	"Continuous"	0.005 mm.
"ES-VIEW"	Paper space views (current @ save)	Yes	6 (Magenta)	"Continuous"	0.500 mm.

Line Type Specifications

Name	Appearance	Construction
*CENTER	_____	[A,1.25,-.25,.25,-.25]
*CENTER2	_____	[A,.75,-.125,.125,-.125]
*CENTERX2	_____	[A,2.5,-.5,.5,-.5]
*DASHED	_____	[A,.5,-.25]
*DASHED2	_____	[A,.25,-.125]
*DASHDX2	_____	[A,1.0,-.5]
*HIDDEN	_____	[A,.25,-.125]
*HIDDEN2	_____	[A,.125,-.0625]
*HIDDENX2	_____	[A,.5,-.25]

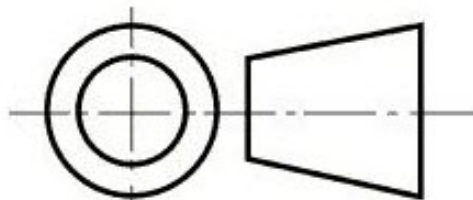
Font Style "txt.shx" and "Universal Math BT" as needed for unique technical symbols. Avoid the use of any additional true type fonts.

Scale 1:1 in Model space / no paper space definitions are necessary

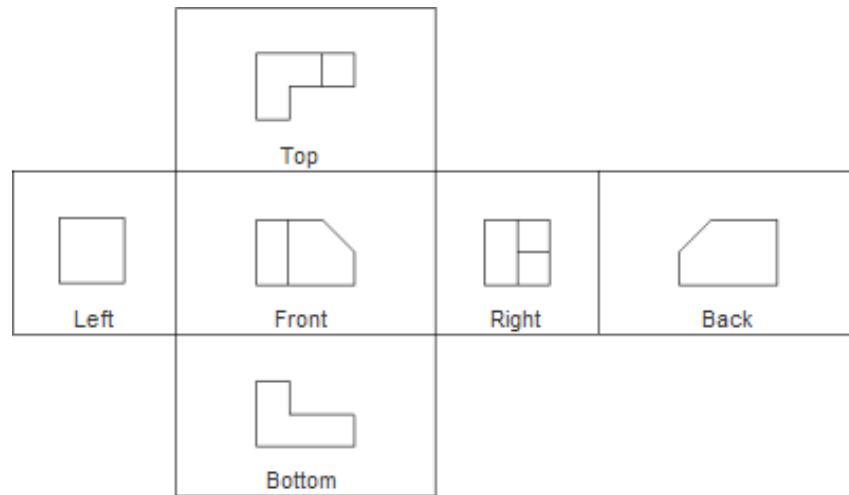
Unit Decimal inches (primary 0.000), Metric millimeters (secondary 0.00)

Dimension Dimension standard export file attach as enclosure. Used only on 2D drawings. 3D drawings contain no dimensions other than a center of gravity datum included for all future loudspeakers.

2D Specifics Third angle projection



2D Specifics Six standard orthographic views



3D Specifics Outer enclosure of 3D Polylines / 3D faces to facilitate hidden line removal. Interior parts or features should be removed to reduce object complexity. Single layer in Model space is sufficient.

Include input panel details and suspension/mounting points & thread depth.

AutoCAD

Specific Variables

- Isolines = 0
- Dispsilh = 1

Coordinates

- 0,0,0 is positioned on front center baffle face, directly behind logo
- Cabinet orientation with grill and logo facing zero degrees
- SE Isometric View and hide lines active for final saved view

