///This OpenSCAD model uses MCAD functions

use<MCAD/nuts\_and\_bolts.scad>

module pyra()

{

difference()

{

cylinder($fn=4, r2=11,r1=100,h=80);

difference(){

translate([0,0,-6])

cylinder($fn=4, r2=11,r1=100,h=80);

rotate([0,0,-45])

for(x=[60,-60]){

translate([x,0,0])

cylinder(d=8.2, h=30,$fn=12,center=true);}

}

cylinder(d=15,h=100);

rotate([0,0,-45])

{

teksti();

translate([0,67,3])

cube([9,10,6],center=true);

cube([135,135,4],center=true);//141

for(x=[60,-60]){

translate([x,0,0])

cylinder(d=4,2, h=30,$fn=12,center=true);

translate([x,0,25])

cylinder(d=6,2, h=30,$fn=15,center=true);

}

}

}

}

module teksti()

{ translate([45,45,30])

rotate([0,0,90])

rotate([52,0,90])

{

linear\_extrude(height=2)

text(" Consair", size = 16);

translate([0,-25,0])

linear\_extrude(height=2)

text("MASTER", size = 16);

}

}

module radio\_hold()

{

translate([-2,0,0])

difference()

{

cube([15,50,13], center=true);

translate([0,10,0])

cube([10,42,16], center=true);

translate([0,12,5])

union(){

cube([11,48,1.4],center=true);

translate([0,19,-5.5])

{

#cube([6,6,10],center=true);

translate([0,3,-1.5])

rotate([-90,0,0])

#cylinder(d=6, h=10);

}

}

}

}

module pohja()

{

difference()

{

union()

{

cube([135,135,4],center=true);//141

translate([0,0,-2])

cube([141,141,4],center=true);//141

translate([2,-2,22])

rotate([90,0,0])

radio\_hold();

}

for(x=[60,-60])

translate([x,0,0]){

cylinder(d=4,2, h=30,$fn=12,center=true);

translate([0,0,-4.1])

#cylinder(d2=4,2, d1=6.2,h=3,$fn=14);

}

translate([0,42,3]){

cube([26,48,4],center=true);

for(x=[10.5,-10.5])

for(y=[22,-22])

translate([x,y,-4.4])

scale([1,1,1.1])

#nutHole(3, units=MM, tolerance = +0.05, proj = -1);

}

}

}

!pohja();

rotate([0,0,45])

pyra();

\*teksti();

\*translate([0,67,2])

cube([9,10,5],center=true);