

Design Portfolio

Kraig Kruger

*Handheld Device for Hospital Use
Integrates an iPod Touch, Barcode Scanner
and Extended Battery
Design Tasks also included 6 & 1 Bay Chargers*





iPod housing: design incorporates overmolded elastomer and insert molding of windows. Handset includes a barcode reader and extended battery

Overmolded elastomer

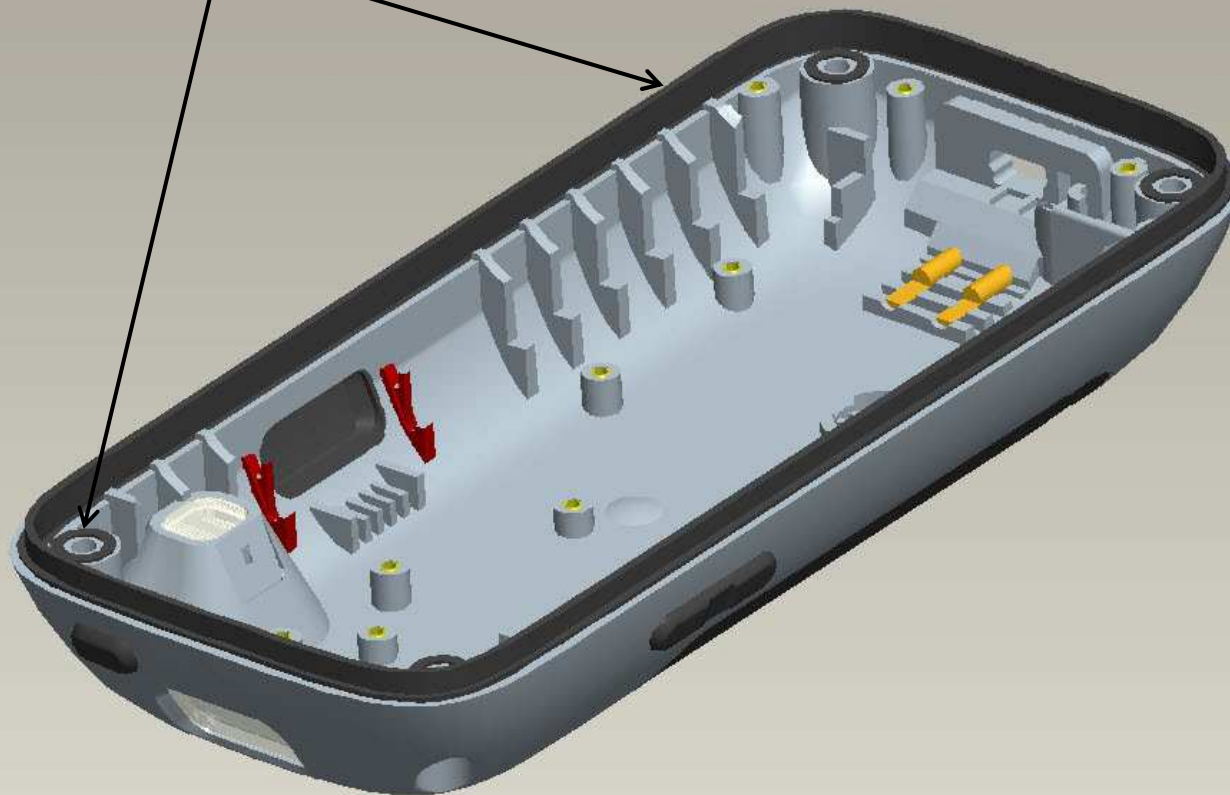


Insert molded window

Articulating buttons, part of overmold

X.X +/-0.1
X.XX +/-0.01
X.XXX +/-0.001
ANG. +/-0.5

“IP 54” dust and water seal designed as part of overmold



X.X +/-0.1
X.XX +/-0.01
X.XXX +/-0.001
ANG. +/-0.5

*Design of iPod & iPhone cases with
Integrated Charging Capability*



iPod Touch4 case

iPhone 4 case. This product is currently being sold by RadioShack



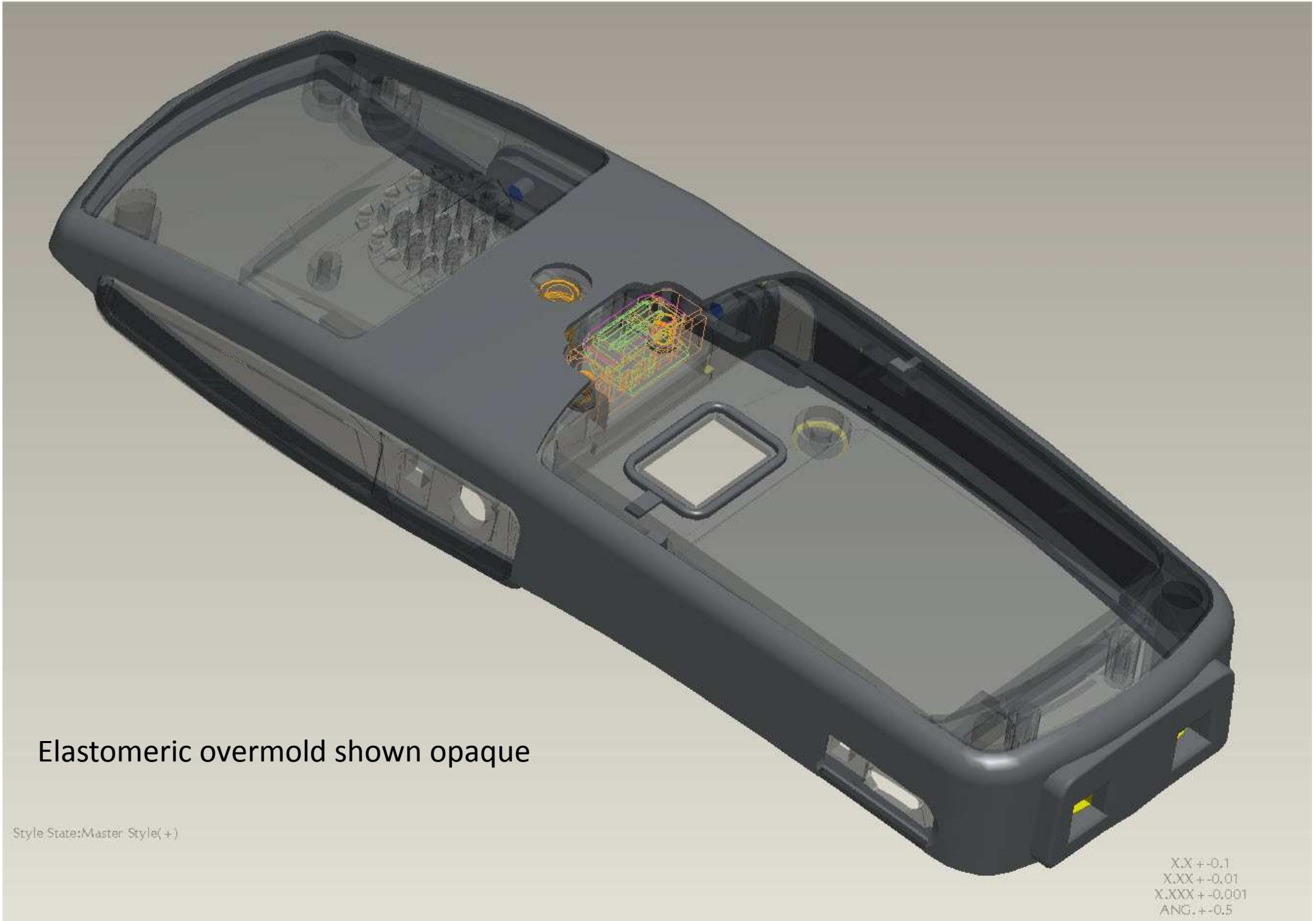
*Design of Wifi handsets and
chargers*





Design included overmold seals,
spring loaded latching mechanism

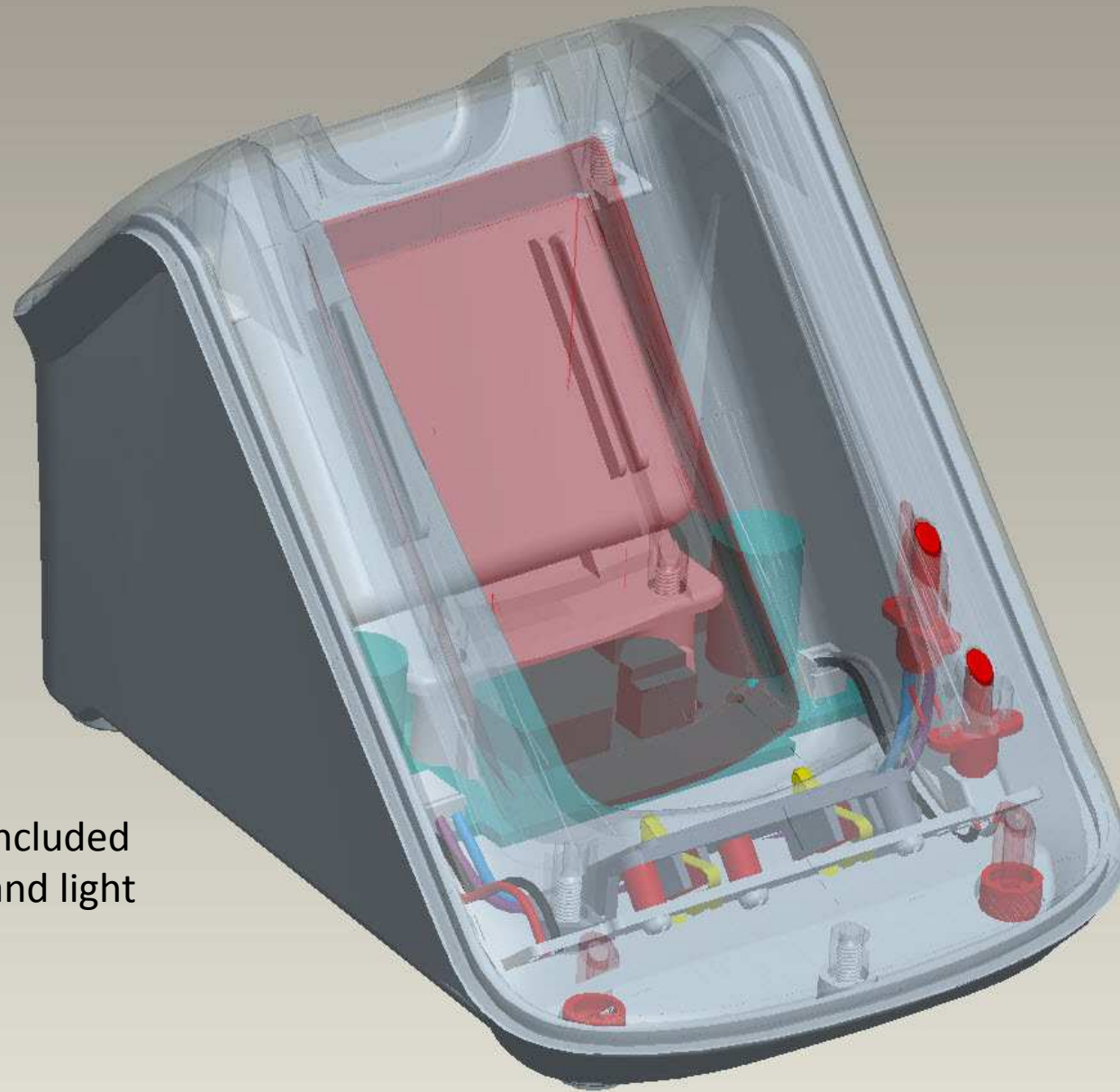
X.X +0.1
X.XX +0.01
X.XXX +0.001
ANG. +0.5



Elastomeric overmold shown opaque

Style State: Master Style(+)

X.X +/-0.1
X.XX +/-0.01
X.XXX +/-0.001
ANG. +/-0.5



Charger design included
spring contacts and light
pipes

Style State:Master Style(+)

X.X +/-0.1
X.XX +/-0.05
X.XXX +/-0.050
ANG. +/-0.5