

The background is a dark blue gradient with a subtle pattern of white dots. On the left side, there are several concentric circles and a large circular scale with degree markings from 140 to 260. Some of the circles have arrows indicating a clockwise direction.

UPGRADING YOUR WIFI?

WORDS MEAN SOMETHING

ROUTERS-WHAT ARE THEY

PROS AND CONS OF ASTOUND VS OWN YOUR OWN

TYPES OF DISTRIBUTED HOME NETWORKS (WIFI REALLY)

EXAMPLES OF ROUTER CONFIGURATION

UPGRADING YOUR WIFI?

- WORDS MEAN SOMETHING

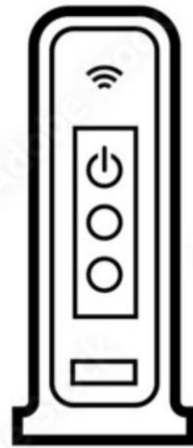
- Words Mean, I Mean Don't Mean What You Think
- Internet, Intranet, Wifi, Wireless, Data
- Modems, Routers, Switches
 - Hybrid Units

UPGRADING YOUR WIFI?

- ROUTERS- WHAT ARE THEY



Internet



Modem



Router

UPGRADING YOUR WIFI?

- PROS AND CONS OF ASTOUND VS OWN YOUR OWN

Astound	Bring Your Own	Advantage
Service (kind of) Included	Warranty Limited Support	Depends!
Upgrades Included	On You	Depends!
Configuration Support (adding capacity)	On You	Depends!
Cost of Equipment	On You	Depends!

- Support/Assistance/Confusion
 - Through Vendor, Youtube, Facebook, Friends, Discord
- Diagnostics
 - Usually on you although Astound Will/Might Help
 - Tech Support Through Vendor
 - Email, phone, commercial support

UPGRADING YOUR WIFI?

- TYPES OF DISTRIBUTED HOME NETWORKS (WIFI REALLY)

All in One



- Still need the Modem (rent, buy, lease)
- Need to know how to configure
- Expansion requires configuring an Access Point
- Most Configurable
- Many Vendors
 - Unify, Asus, TP-Link, Netgear,.....



UPGRADING YOUR WIFI?

- TYPES OF DISTRIBUTED HOME NETWORKS (WIFI REALLY)

Mesh



- Still need the Modem (rent, buy, lease)
- Simple to configure
- Expansion requires adding a node
- Best Internode communication
- Fewer Vendors
 - Eero (amazon), TP-Link, Netgear



UPGRADING YOUR WIFI?

EXAMPLES OF ROUTER CONFIGURATION

- Accessing the Router Configuration Page
 - Is there an App?
 - Browser to Router Page
 - 192.168.1.1 192.168.0.1
 - Set Password!
 - Name the Network(s)
 - Configure Network (ip ranges and names)
 - Configure DNS
- Configure Wireless Network(s)
 - SSID (network name)
 - Network Authentication Key
 - Guest Networks
 - QR Codes

UPGRADING YOUR WIFI? QUESTIONS?

