

HAMSHACK HOTLINE



Presented by:

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HAMSHACK HOTLINE

Areas covered:

- Brief History
- Benefits of Hamshack Hotline
 - Technical Requirements
 - Equipment



HAMSHACK HOTLINE: HISTORY

- John Rogers, K1WIZ founding father in 2018
- Ken Reynolds, KA1EZH & Dave Neal, W2DAN developed HH where it is today
 - Over 5000 Extensions connected
 - Average 3 to 5 new subscribers a day



HAMSHACK HOTLINE: BENEFITS

- Free VoIP phone service for Amateurs
- Offload managerial tactical operations
- Supports FAXing
- Effective resource for off air troubleshooting
- Conference bridges
- RF links



HAMSHACK HOTLINE: FEATURES

- Voicemail
- DND-do not disturb
- Wake Up Calls
- Last call Info
- Echo Test
- System Test
- Speed dial



HAMSHACK HOTLINE: FEATURES

- RF Links
- Conference Bridges
- Audio Feed Links



HAMSHACK HOTLINE: TECH

- VoIP server
- 3 networks
- HHUS - United States
- HHEU – Europe
- HHAP – Asia- Pacific
- HHX – Experimental



HAMSHACK HOTLINE: TECH

- All of these networks are integrated
- You may use VoIP desk phones
- And you may use Soft phones on your cellular phone



HH: SUPPORTED HARDWARE

- **Cisco / Linksys**

- WIP-310, SPA-112, SPA-122, SPA-232D/SPA-302 (Base/Cordless Handset), SPA-303, SPA-504, SPA-508, SPA-509, SPA-514, SPA-525G(2), SPA-941, SPA-942, SPA-962, SPA-2102
- 232D & 302D go together, that's the Cisco DECT cordless phone.

- **Fanvil**

- X3G, X3SG, X4U, X5U, X5U-R, X6U

- **Polycom**

- VVX 201, VVX 310, VVX 311, VVX 350
- VVX 401, VVX 410, VVX 411, VVX 500, VVX 501, VVX 600
- SoundPoint IP 335
- SoundStation IP 6000



HH: RF LINKS

- DMR networks (Brandmeister and TGIF)
- YSF Reflectors
- NXDN networks
- AllStarLink
- Echolink
- AREDN



HH: RF LINKS

(Use *99 to Transmit and # to Unkey)

RF EXT	NAME / DESCRIPTION	CITY	STATE / PROVINCE	COUNTRY	FREQUENCY	PL/TONE	AFFILIATIONS / NOTES
94000	KC1KSC ALLSTAR 57326	TIVERTON	RHODE ISLAND	US	HUB STN		BRANDMEISTER TALK GROUP 3190778
94001	EI7KK ALLSTAR 29885	MOYDOW	LONGFORD	IE	HUB STN		DMR TG2724/XLX353D
94002	WX5OU ALLSTAR 49230	BROKEN ARROW	OKLAHOMA	US	HUB STN		BOREDOM BREAKER NET
94003	KA1MXL ALLSTAR 45595	WARWICK	RHODE ISLAND	US	449.2250 (-)	141.3	DMR-YSF-DSTAR-NXDN
94004	W4EDP ALLSTAR 510131	LOOKOUT MOUNTAIN	GEORGIA	US	HUB STN		SOUTHEAST LINK
94005	K2SHF ALLSTAR 547810	BEL AIR	MARYLAND	US	145.6700 (S)		ALLSTAR 547811. ECHOLINK K2SHF-R.
94006	KQ4FFP ALLSTAR 610750	CHATTANOOGA	TENNESSEE	US	443.9000 (+)	103.5	TARA TALK SYS DMR 31473 YSF 31473 XLX473 EL 17332
94007	N1XRS ALLSTAR 48768	EAST TAUNTON	MASSACHUSETTS	US	HUB STN		IRLP/ECHOLINK/BM
94008	DX3L ALLSTAR 613290	ARAYAT	PAMPANGA	PH	144.5800 (S)		BM DMR 51513 YSF 23957 ECHOLINK 582821
94009	K6IRK ALLSTAR 620302	SACRAMENTO	CALIFORNIA	US	HUB STN		TGIF 83375 - VES AFTER DARK
94010	N4LMC ALLSTAR 46145	CHATTANOOGA	TENNESSEE	US	144.9200 (+2.5)	D-073	ECHOLINK 780687 (W4EDP)
94011	K4NWS ALLSTAR 48168	BIRMINGHAM	ALABAMA	US	HUB STN		HTTPS://ALERT-ALABAMA.ORG (KV4S)
94012	KG9M ALLSTAR 581611	AUBURN	CALIFORNIA	US	HUB STN		
94013	W4GTA ALLSTAR 46331	LOOKOUT MOUNTAIN	GEORGIA	US	145.3500 (-)	100.0	TRI-STATES ARC
94014	KV4S ALLSTAR 523800	CHELSEA	ALABAMA	US	HUB STN		
94015	DU2XXR ALLSTAR 518251	MARIKINA CITY	METRO MANILA	PH	431.6000 (+)	C4FM	BM DMR 51518, YSF 78427, WIRES-X 89934 EL DX1ARM-L
94016	N8EMA ALLSTAR 49050	PISCATAWAY	NEW JERSEY	US	HUB STN		P25/DMR/ECHOLINK
94017	W0RMT ALLSTAR 53943	LOUISVILLE	COLORADO	US	145.4700 (S)	123.0	XLX REFLECTOR 303 (DMR, D-STAR, YSF, WIRES-X)
94018	N4TYL ALLSTAR 520323	EAST BRAINERD	TENNESSEE	US	HUB STN		ECHOLINK: N4TYL-R
94019	W8UFO ALLSTAR 41611	KNOXVILLE	TENNESSEE	US	HUB STN		
94020	K2HZE ALLSTAR 41605	NEW YORK	NEW YORK	US	HUB STN		DMR TG-31777
94021	WB0VTM ALLSTAR 47650	WEST FRANKFORT	ILLINOIS	US	HUB STN		ECHOLINK 438287
94022	W2YMM ALLSTAR 41899	LONG ISLAND	NEW YORK	US	449.6750	110.9	
94023	VE3OSH ALLSTAR 27838	OSHAWA	ONTARIO	CA	147.1200 (+)	156.7	
94024	N5API ALLSTAR 51824	WINFIELD	KANSAS	US	HUB STN		
94025	NOVRS ALLSTAR 584620	FINDLAY	OHIO	US	146.5000 (S)	100.0	
94026	KB0P/K8LOD ALLSTAR 48579	MARQUETTE	MICHIGAN	US	147.2700 (+)	100.0	ECHOLINK, K8LOD-R (NODE 420942)
94027	KG4FJC ALLSTAR 47046	ARVONIA	VIRGINIA	US	HUB STN		ALLSTAR,ECHOLINK (KE4AJM/R)
94028	N2TY ALLSTAR 41729	TROY	NEW YORK	US	145.1700	127.3	
94029	W2LPC ALLSTAR 51284	SOUTH PLAINFIELD	NEW JERSEY	US	445.2750	141.3	ECHOLINK
94030	W1SYE ALLSTAR 59474	PORTSMOUTH	RHODE ISLAND	US	145.450	100	



HH: DASHBOARD

Active
Conference
Bridges

HAMSHACK HOTLINE - BLF DASHBOARD

ACTIVE BRIDGES - 0 ACTIVE EXTENSIONS - 0
[BRIDGES PHONE BOOK: HERE](#)

BRIDGE EXT NUMBER	BRIDGE NAME	USER NETWORK	USER EXT NUMBER	CALLSIGN	NAME
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ACTIVE AUDIO LINKS - 1 ACTIVE EXTENSIONS - 1
[AUDIO PHONE BOOK: HERE](#)

AUDIO EXT NUMBER	AUDIO NAME	USER NETWORK	USER EXT NUMBER	CALLSIGN	NAME
7022	PLACER COUNTY PUBLIC SAFETY	HHEU	4200431	MW6SFA	MATHEW

ACTIVE ARDUINO RF LINKS - 0 ACTIVE EXTENSIONS - 0
(Use 77 to Transmit and # to Unkey)
[ARDUINO RF PHONE BOOK: HERE](#)

RF EXT NUMBER	RF NAME	USER NETWORK	USER EXT NUMBER	CALLSIGN	NAME
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ACTIVE ALLSTAR RF LINKS - 4 ACTIVE EXTENSIONS - 7
(Use *99 to Transmit and # to Unkey)
[ALLSTAR RF PHONE BOOK: HERE](#)

RF EXT NUMBER	RF NAME	USER NETWORK	USER EXT NUMBER	CALLSIGN	NAME
94005	K2SHF ALLSTAR 547810	HHUS	11880	KD2VNU	DAN
94049	WB2JPQ ALLSTAR 27339 / EAST COAST REFLECTOR	HHUS	6100611	KM4USQ	JAMES
94049	WB2JPQ ALLSTAR 27339 / EAST COAST REFLECTOR	HHUS	6103433	N9BBM	NATHAN
94106	VE3MVE ALLSTAR 48111	HHAP	3300229	DU9BC	VICTOR
94106	VE3MVE ALLSTAR 48111	HHUS	6103099	N6CLE	CLIMACO
94106	VE3MVE ALLSTAR 48111	HHUS	6103264	KY4AU	RUEL
94130	KE4GJG ALLSTAR 29891	HHUS	6103087	KE4GJG	RICHARD

Active
Extensions



HH: DASHBOARD

Active
Extensions

▶ ACTIVE USER EXTENSIONS - 13

[USERS PHONE BOOK: HERE](#)

[AREDN PHONE BOOK: HERE](#)

USER EXT NUMBER	USER NETWORK	CALLSIGN	NAME
11880	HHUS	KD2VNU	DAN
12357	HHUS	KH6GN	CHARLES
12492	HHUS	KJ4KVC	CHARLES
12610	HHUS	N4PNV	JAMES
3300229	HHAP	DU9BC	VICTOR
4200431	HHEU	MW6SFA	MATHEW
6100131	HHUS	N0HI	JESSIE
6100396	HHUS	K18JK	ANTHONY
6100611	HHUS	KM4USQ	JAMES
6103087	HHUS	KE4GJG	RICHARD
6103099	HHUS	N6CLE	CLIMACO
6103264	HHUS	KY4AU	RUEL
6103433	HHUS	N9BBM	NATHAN



HH: CONCLUSION

- Remember this is a terrific hobby!
- If you need help, please ask! There are plenty of experts willing to help.
- Repeaters, servers, and networks require maintenance and funding.
- Get involved in your local radio club and help others around you.



HH: Questions & Comments

