

LIVEMIX PRO INTEGRATOR INSTALL GUIDE

LIVEMIX PRO CABLING REQUIREMENTS

- Shielded CAT5e direct connection up to 300 feet. When using Shielded CAT6a the distance is slightly below 300ft.
- Our testing has found best performance over distance with shielded CAT5e.
- The connection between the Personal Mixers and PRO 16/32 is a proprietary data connection not Ethernet/PoE.
- Do not use an ethernet/poe switch between PRO 16/32 and Personal Mixers or between the DA-8 and PRO-16/32.

BEST WAY TO DO PATCH POINTS?

- Avoid patching or cable terminations if possible, direct connections are recommended.
- If necessary, use a shielded RJ45 female-female coupler for patching.
- Livemix Pro connections are latency sensitive across the signal wires.
- When terminating, ensure wire lengths are equal.
- Punch down terminations frequently cause errors on Personal Mixer units.

CABLING TROUBLESHOOTING

- If you experience errors and the connection goes through patch points, try hardware directly connected with a single cable to eliminate cabling variables. If errors go away, it's a cabling issue.
- Reseat all connections, verify terminations or patches.
- Do not connect to Ethernet/POE switches.
- Maintain end-to-end shielded connection.
- Keep cables away from high-power/high-interference devices.
- If using self-terminated cables, test factory-new shielded cable.