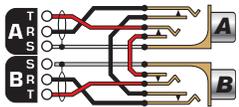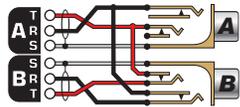# Normaling Descriptions

Sleeve Normals

FN — Full Normals

Physical:
A: T, R, S, wired out to rear termination connector. TN, RN are strapped at the jacks to B: TN, RN respectively.
B: T, R, S, wired out to rear termination connector. TN, RN are strapped at the jacks to A: TN, RN respectively.
Function: Signal from A is automatically looped to B. If a patchcord is inserted in A or B, the automatic looping is broken.
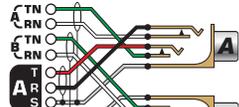*Features and Benefits:* Automatic Looping.

HN — Half Normals

Physical:
A: T, R, S, wired out to rear termination connector. T, R are strapped at the jacks to B: TN, RN respectively.
B: T, R, S, wired out to rear termination connector. TN, RN are strapped at the jacks to A: T, R respectively.
Function: Signal from A is automatically looped to B. If a patchcord is inserted in A, the signal is still looped to B. However, if a patchcord is inserted in B, the automatic looping is broken.
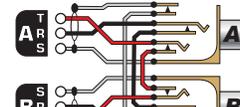*Features and Benefits:* Automatic Looping, Signal Monitoring when A is patched.

NN — No Normals
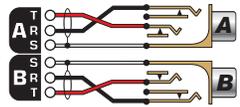
Physical:
A: T, R, S, wired out to rear termination connector.
B: T, R, S, wired out to rear termination connector.
Function: A circuits are completely independent from B circuits. U-Links or patchcords must be used.
Features and Benefits: Simple patching.
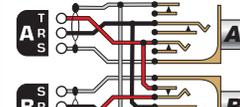
NT — Normals Out

Physical:
A: T, R, S, TN, RN wired out to rear termination connector.
B: T, R, S, TN, RN wired out to rear termination connector.
Function: No Normals, reconfigurable.
Benefits:
1. Flexibility: Full or Half Normals can be strapped, per circuit, at the rear termination connector.

FNS — Sleeve Normals Strapped at Jacks

Physical:
A: T, R, S, wired out to rear termination connector. TN, RN, SN are strapped at the jacks to B: TN, RN, SN respectively.
B: T, R, S, wired out to rear termination connector. TN, RN, SN are strapped at the jacks to A: TN, RN, SN respectively.
Function: Signal from A, (including Sleeve) is automatically looped to B. If a patchcord is inserted in A or B, the automatic looping is broken.
Features and Benefits:
1. Automatic Looping of Tip, Ring & Sleeve.
2. Switching Grounds.

HNS — Sleeve Half Normals Strapped at Jacks

Physical:
A: T, R, S, wired out to rear termination connector. T, R, S are strapped at the jacks to B: TN, RN, SN respectively.
B: T, R, S, wired out to rear termination connector. TN, RN, SN are strapped at the jacks to A: T, R, S respectively.
Function: Signal from A, (including Sleeve) is automatically looped to B. If a patchcord is inserted in A, the signal is still looped to B. However, if a patchcord is inserted in B, the automatic looping is broken.
Features and Benefits:
1. Automatic Looping of Tip, Ring & Sleeve.
2. Switching Grounds.

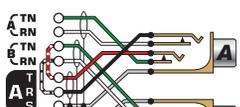## FRS — Sleeve Normals Out Strapped at Punch Block
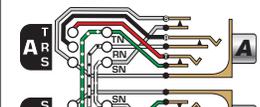
Physical:
A: T, R, S, TN, RN, SN wired out to rear termination connector.
B: T, R, S, TN, RN, SN wired out to rear termination connector.
Punch Block: Full Normals
Function: Full Normals, reconfigurable.
Benefits:
1. Flexibility: Full or Half Normals can be strapped, per circuit, at the rear termination connector.
2. Switching Grounds.
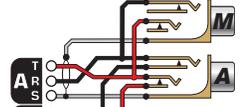
FR — Full Normals Strapped at Punch Block
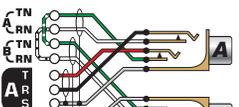
Physical:
A: T, R, S, TN, RN wired out to rear termination connector.
B: T, R, S, TN, RN wired out to rear termination connector.
Punch Block: Full Normals
Function: Full Normals, reconfigurable.
Benefits:
1. Saves time at installation.
2. Flexibility: Full or Half Normals can be strapped, per circuit, at the rear termination connector.
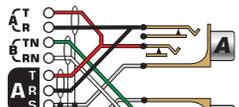
HR — Half Normals Strapped at Punch Block

Physical:
A: T, R, S, TN, RN wired out to rear termination connector
B: T, R, S, TN, RN wired out to rear termination connector
Punch Block: Half Normals
Function: Half Normals, reconfigurable
Benefits:
1. Saves time at installation.
2. Flexibility: Full or Half Normals can be strapped, per circuit, at the rear termination connector.

FM — Full Normals with Monitor

Physical:
A: T, R, S, wired out to rear termination connector. TN, RN are strapped to B: TN, RN respectively. In addition T, R are strapped to M: T, R respectively
B: T, R, S, wired out to rear termination connector. TN, RN are strapped to A: TN, RN respectively.
M: T, R are strapped to A: T, R respectively
Function: Full Normals (A and B). M monitoring of A.
Features and Benefits: Automatic Looping from A to B. Monitoring of A is always available in M.

## HT — Half Normals Out Connectorized 90 Pin Only

Physical:
A: T, R, S, wired out to rear 90 pin connector. T, R also wired out to rear 120 pin connector.
B: T, R, S, wired out to rear 90 pin connector. TN, RN wired out to rear 120 pin connector.
Function: No Normals, reconfigurable.
Benefits:
1. Flexibility: Half Normals or No Normals can be configured, per circuit, at the rear 120 pin connector.

HRS — Sleeve Half Normals Strapped at Punch Block
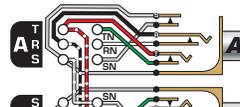
Physical:
A: T, R, S, TN, RN, SN wired out to rear termination connector.
B: T, R, S, TN, RN, SN wired out to rear termination connector.
Punch Block: Half Normals
Function: Half Normals, reconfigurable.
Benefits:
1. Flexibility: Full or Half Normals can be strapped, per circuit, at the rear termination connector.
2. Switching Grounds.

NTS — Sleeve Normals Out
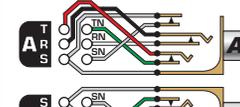
Physical:
A: T, R, S, TN, RN, SN wired out to rear termination connector.
B: T, R, S, TN, RN, SN wired out to rear termination connector.
Function: No Normals, reconfigurable.
Benefits:
1. Flexibility: Full or Half Normals can be strapped, per circuit, at the rear termination connector.

T: Tip	
R: Ring	
S: Sleeve	
TN: Tip Normal	
RN: Ring Normal	
SN: Sleeve Normal	
Strapping at the Punch Block	