

## Re: ISDN phone lines

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> *Sortof. You can buy an endpoint that can convert each channel to a POTS  
> port. The ISDN service knows when a POTS call vs. a data call is being  
> established; voice calls won't setup on a data-only endpoint & vice-versa.  
> (An endpoint with both is smart enough to route incoming calls to POTS vs.  
> data port.)*

Do most of the ISDN phone "systems" have this ability?  
(I would think they ALL would have this endpoint built in?).

>> *So on an ISDN line you would still see 90vac ringing voltage from ANY  
>> incoming call? (yes--stupid?)*  
>  
> *No. An ISDN line is not like a POTS line. It's a 2-wire always-on data  
> circuit. The endpoint maintains a full-time heartbeat with the telco  
> switch at the other end. "Calls" are established via setup commands over  
> the wire. Calls are tagged as voice vs. data and get routed  
> appropriately.*  
>  
> *If you have a POTS port on your endpoint (to connect your phone), it will  
> generate the ring pattern and voltage locally.*  
>  
> *Richard*

Thanks kindly Richard.

I wanted to detect ring with a normal POTS detector at 90vac---I would  
imagine they generate the same (or close).

My question was more about ISDN "systems" rather than just a single  
dedicated line and certainly they're going to be backwards compatible.

This "D" channel ring stuff was scaring me.